Rainfall—Has been decidedly more important than for some weeks past. The heaviest average falls have occurred in Orissa, which has received 1.16 inches; South-West Bengal and Chutia Nagpur have received an average fall of 0.40 inch, and East Bengal one of 0.26 inch. The falls in the other districts have, however, been so small as to be quite unimportant. Compared with the normal, Orissa has received a large excess for the week, South-West Bengal a decided excess, and Chutia Nagpur a slight excess; but in all other districts the rainfall has been in rather large defect of the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 14th of March 1890 :-

	1		TEME	RBAT	URN					1	LATER	ALL:		-		
	week.	wook,	Avors	gres for	r wook.	above or week.		Of wo	ek.	R	ainy d	аув.		se let ionth.		on 16th
METHOROLOGICAL DIVISIONS.	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week below normal mean of	Average.	Normal average.	Variation.	Average number in week,	Normal average num- ber in week,	Taristion,	Average.	Normal average.	Average.	Worsel everage,
Orista	94'4	61.6	58:3	78'1	80*2	-0.2	1'16	0.52	+0.80	2.2	0.0	+10	1-21	0.46	63136	54'83
South-West Bengal	94'3	56.7	887	67'4	77-8	-1.6	0'40	0.52	+0.19	1.2	0.0	+0.8	0.20	0.02	88.31	88'68
Rast Bengal	91-1	57'6	85'8	06.4	70'4	-0.0	0°96	9148	-0.10	0.0	.07	+0.8	0.30	1'13	70 90	76'40
North Bengal	94'0	40.4	86'0	001	74'0	0	0.01	0.30	-0.18	0.3	0.2	-6.8	0.04	0141	75'86	71'40
North Behar*	91'3	49-9	86'4	67.7	12.0	-1'3	NII	0100	-0.68	0.0	9.4	-0'4	0.10	0.52	58*00	40 145
iouth Behar	93-2	57'0	87'6	64.1	75-9	-0.7	0.04	071	-0.04	0.2	0.9	0	0124	0.25	44142	66"55
Chutia Nagpar	86'2"	56'04	81.40	61'1"	71.9*	-2.8*	0.40	0:36	+0.04	2'0	0.7	+1'3	0.01	0.202	44'05	50'89

<sup>·</sup> Durbhangs and Chyebeses not included.

METROROLOGICAL OFFICE, BENGAL; The 18th March 1890.

A. PEDLER,

Meteorological Reporter to the Gort. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 9th to 15th March 1890.

		1		O A.M. reduced			Time	WRATURE.		Wa	1	Hygronist	RY.	bours.
Моз	Trill.	Date.		Pressure at 10 corrected and re- to \$2° Fahr.	Daily mean.	Maximum.	Ranges,	Minimum,	Dry bulb at 10	Wet bulb at 10	Vapour tension at 10 a.m.	Derw point at	Bumidity at 10	Rainfall past 24 bo
				Inches.			1		*		Inches.		x	Inche
Mar. 11	890	9th 10th 11th 12th 12th 13th 15th	000 000 000 000 000 000 000 000 000 00	29-964 -978 -884 -864 -814 -796 -794	74-9 75-0 79-5 79-5 78-1 80-4 82-4	85-0 90-0 90-9 88-0 91-0 92-0	20·3 20·1 21·1 21·1 19·9 21·2 19·2	64-7 64-9 68-9 68-1 69-8 72-8	77-8 72-6 82-1 81-6 79-6 84-6 82-6	67-2 68-6 75-5 76-0 73-6 69-6 75-0	526 647 796 824 749 523 767	60·4 66·3 72·4 73·4 70·6 60·2 71·8	55 81 78 77 74 44 69	0-21 0-08 0 15
				п 10 а.м				-			***	***	Inches. 29.870	
	2	The e	xtr	n tempe eme var imum te	iation o	of temp	seven d	ays	***		***	***	78.5 27.3 92.0	
		The r	near	n 10 a.s	ı. relat	ive hur	nidity o	of the s	even d	аув	***	***	68	

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,

0.42

For Meteorological Reporter to the Goot. of India.

ETROROLOGICAL OFFICE, INDIA; The 17th March 1890.

The total fall of rain from 9th to 15th March 1890

#### Results of the Meteorological Observations taken at the Alipore Observatory from 9th to 15th March 1890.

			jo s	motor		Гимгия	ATURN.	13	1	Hygnom	STRY.	21	WIND,	. 1		
Month.	Date.	Maximum in sun.	Number of hours bright sunshine.	Mean pressure baros at 32° Fabr.	Moan	Maximum,	Kange,	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.	Rain.	Weather,
1890.		0		Inches.	0	0	0	0	0	Inches	0	%			Inches.	
March	9th	141-6	43	29 899	75.2	84.9	17.2	67.7	67.8	0.586	63 4	69	88W and variable	121	0.18	Chiefly cloudy,
2.8	10th	143.8	41	-869	73-8	82-8	18-0	64.8	69-9	-685	68 0	82	SSW and variable	57	0.01	Chiefly cloudy.
"	lith	146-5	7-2	797	77-7	88.3	19.8	68-8	72.8	722	69-5	78	SW, WSW and SSE	92	Nü	Partially cloudy,
,	12th	146.5	8-8	•787	78:1	87:6	18-9	68.7	734	768	71-2	80	SSW and SW	161	0-05	Partially cloudy o, g, d.
ri	13th	144-0	8.5	-761	78-4	87:5	18-5	69-0	71-6	-687	68-0	72	WSW and SSW	94	0.02	Chiefly cloudy
11	14th	150-9	19-4	721	50-2	90-6	21.4	69-2	70-0	-601	64-2	63	WNW and SSW	92	Nii	Chiefly cloar
	15th	144-5	8-5	717	81 0	20.9	17-9	73-0	73.0	.708	68-9	69	SW and SSW ,	146	2.8	Partially cloudy

The mean pressure of the seven days				***	Inches. 29.793	
The average pressure of the correspondir	or period for	94 voore S	3 -G '0 DE	S.c.	29.839	
The Breaks breaks or one correspondit	ig berion for	24 years, t	5U. S OL	100		
					Hours.	
The total number of hours of bright sun		* * *	***	***	45.8	
The maximum possible number of hours	of sunshine	***			83.3	
					0	
The mean temperature of the seven day	8	***	***	***	77.8	
The average temperature of the correspo	nding period	for 24 year	rs. SG.	s Office	79.4	
The extreme variation of temperature	***		***	***	26.1	
The maximum temperature	***		***	***	90 9	
Action and the second				775	Miles,	
The highest velocity of the wind in one	hour				13	
The mightest verocity of the wind in one	HOUR	000				
The highest pressure of wind on one squ	warma Manak			A	lbs.	
The tukness bressure or aims on one sd	nare 100f	***		Approxin	natery 7	
WH					10	
The mean relative humidity	***	***	***		73	
The average relative humidity of the co	rresponding	period for	24 years,	SG.'s		
Office	***	***	***	A. B. c.	68	
					Inches.	
The total fall of rain from 9th to 15th 1	March 1890	***	***	***	0.29	
The average fall of the corresponding pe				***	0.13	
The total fall from 1st January to 15th					1.09	
The average fall of the corresponding pe		D. S. grang	'a Office	***	2.31	
The average fair of the corresponding pr						

The average fall of the corresponding period for 24 years, 5.-0. s Olico.

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.

The mean pressure, temperatures are obtained from self-registering thermometers. All the The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet

above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No 86, formerly at the Surveyor-General's Office.

It is a very constant and obtained from Tables III. IV. and V of the official tables computed in

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the whole are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, p passing temporary showers, t thunder, < lightning. dew, = fog.

> C. LATTLE, For Meteorological Reporter to the Gost, of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 17th March 1890.

#### MEMORANDUM.

From the annexed table, exhibiting the vital statistics of the principal municipalities in Bengal for the week ending 1st March 1890, it appears—

1. That during the week in question births and deaths were registered in the proportions, respectively, of 18.5 and 20.1 per 1,000 of population, as opposed to 20.6 and 22.2 per 1,000, respectively, during the preceding week ending 22nd February, indicating a retrogression in the registration of both the events.

2. That births and deaths were recorded at the highest rates from the following

		Birthe.						Deaths.		
				Ratio per mille.	ø					Ratio per
Narainganj	***	***	944	37.3	1	Poori		***	740	65.0
Durbhanga	***	***		31.5		Utterpara	***	***		87.6
Serampore	***	400	0 4 5	31.4	1	Gya	311	100	***	37.6
Comillah	990	0.00	***	30.8	1	Hughli an		insurah	***	34.6
Jessore		***	***	30.6		Serampore		***	***	33.4

3. That the only noticeable point, in connection with the incidence of the following death-causes in comparison with the outcome of the preceding week, is a decrease in the mortality from fever, vide table given below—

					Ra	tio per mille dur	ing the weeks ending-
					18	March 1990,	22nd February 1890.
Cholera			***	***	5 0 a	3.9	2.6
Small-pox	***		***	***	9 9 0	1.0	1.1
Fever	***	***	0.00	***		7.4	9.1
Bowel-complai	nts		***		***	2.5	2.9
Injury	***	***	***	***	***	.6	.2
Other causes	0.00	***	***		***	5.7	6.3

4. That small-pox was still noticeably severe in the Poori Municipality (mortality 31.5 per 1,000 of population), and bowel-complaints prevailed in Hughli and Chinsurah town (mortality 11.5 per 1,000 of population); while cholera, fever, and the maladies coming under the head of "Other causes" gave rise to the highest mortality in the following municipali-

	Cholera.				Feeer.			Other	causes.	9	
			Ratio pe	e.			Ratio pe	8		3	latio per mille,
Narainganj	***		16.6	Jessore	***	***	24.5	Serampore		***	13.7
Comillah	***		19.4	Rampore	Beauleah		23.6	Chupra	20.0		12.1
Monghyr	***	***	8-8					Bhagulpore		***	10.8
Gya	***	***	8.9					Poori	***	***	10.4
Dacca	***		4.5				- 3				
Bhagulpore	***	***	4.5								
Durbhanga	***	***	3.1				-				
Howrah	404		3.3				1				

5. That the death-rates according to Sex, Class and Age stood as shown below :-

According to Sex.		According to	Class.	According to	Age.
Males Females Ratio of male deaths to every 100 female deaths, calculated on the proportions such mortality	Batio per mills, 21.9 18.2	Hindus Mahomedans Buildhists	Ratio per mille 21-8 16-4 25-7	Under 1 year 1 and under 5 years 6 , 10 ,, 10 ,, 15 ,, 20 ,,	Ratio per m(Me 127-0 21-8 11-8 8-1 14-1
bears to the total male and female population	120			20 " 30 " 30 " 40 " 40 " 50 " 60 " 60 "	14·9 12·8 20·8 16·1 57·7

W. H. GREGG, Dip. Publ. Health, Camb.,

The 17th March 1890.

Sanitary Commissioner for Bengal.

- 5		DISTRICTS.		Bardwan	Midnapore	Hughli	Serampore		Bowrah		Raddes		Sessore	6.51		Darces	***	M				Shahahahad	Mogniterpora.	8		2			Poorl *	
		NAMES OF MUNICIPALI- TIRS.		Bardwan	Midnspore	Rughli and Chinsn-	Serambore	Ulterpark	Howesh	Kishnarhas				Rambore Reanlesh	Darjiling	Daces	named and the	×		City	**	Arres	Mozuderpore	บซีม			1	Pernah	Prori	Total
2		lane.	Malon	18,063	14,927	- 15,838	15,559		10	7,836	_	4,025	-	_	-	-	7,603	13,540	8,158	78,782	38,250	20,960	13,054	38,776	85,116	99,640	58,154	8,463	18,267	850,098
POPULATION	1		Pemalos.	18,017	14,633	15,850	12,057	-	37,600	-	-	_	-		8.470	- 50		8,798	6,263	81,475	57,831	22,505	19,658	\$2,399	86,628	87,813	19,365	3 6,753	7 11,587	8 510,588
TOW.		1	fotel,	36,088	23,860	33,687	88,496	6,530	90,513	-	-	-	H	_		80,161		180,130	13,600	160,237	1 70,131	5 43,4455	8 48,749	68,090	4 51,67u	8 57,453	5 57,590	3 15,616	84,784	8 1,061,574
	-	No.	Maleu.	10	107	-	120	-	52							n s		_	60	15	30	*	(8)	100	12	13	01 10	100		108 97
		NUNCHER	Pumales,	67	_	*	*	-	1.6							14 1		*	63	120	13	00	-	03	16	9	21	100	0	1
		100	Total.			11	36	81	282						_	9 00		90	60	23	1.2	20		9	28	19	18		-	37.8
BIRTES	1	RAT	Malos.	107	2.2	11.2	25.6	5.6	2 12.0	-	_		_	_	_	10.4	_	4.6	8 11.5	6.9	3 6'8	- <del>4</del>	0 07	2-01 9	127	9.11	1772	7400	\$2 4	8-8
BE.		RATIO PER 1,000 OF POPULATION PRE ANNUM.	Poundes.	20	1.0	678	200	9.6	8.0	_	2	Qa.		_	-		24		19-3	870	2	9.0	90	53	181	10	10.8		-	00
		1,000 1,000 7.K.	.lasoT	13.5	100	181	9.18	1879	0.05	_	17.0	_	-	9.02	25.50	20-E	2 67	90	30.8	25.00	187	10.0	10.0	31.5	88.8	27.	98.0	-	16'N	1 50
	K	ne to ever	frid elam to ottasi estriti elamet 001	800	002	175	300	100	150	150	8	23	80	900	000	100	* .	100	8	261	7.6	92	Both	68		210	200	and a	13	
	1	1	Choloma	1	1	200	-	.01	*	-	¥	1	3	:		1	N 4			-	12	3		4		ie	:		: 85	1
			small-pox.	1	1	-	ř	1	area.	1	-	1	1	1	*	***	1				-	-		-			¥ .		118	1
		Билена	Perers.	*	10	(Ch	873	1	11	80	ent	-	62	*	a	pi 4		. 03	.01	=	94	94	*	80	20	5			- 10	1
	1	NO FROM	samialqmoo-lawoil	a	01	E-	80	1	40	M	***	401	1.	I	1	1	ę.				4	95	-	. 0		2	W. 10	10	1 10	1
		1	·Linfuz.	1			82	1		1	11	1	162	1	***	1	1				-	. 10	, ,		****	N .	1 '	1	1 1	1
			Other deseases.		9	09	, jo	91	10	irs	p3	3	-	4	~	at i		-		+ 0	, or		. 4	:	2 9	N N	N C	Sv	1 10	1.
6	2018	1	All cannes.	0.				_	E		No.	80	•		2		_	0 10	_	-			,			5 1	-		3 1	1
MOR	Disease.	RATIO	Oboleta,	-				1570	100	10 10	-	1	1	2	- 1	2	20 1	9.91		_			4	-	10		_	0.0	6.3	1
MORTALITY	- 1	101	Vevera.	-		10		-	(c)	10.	.0	10	40	25 . E . E	23.8	In la	20 .	-				_	* **	_	8.	1	10.	-	, e	1
		000 OF	Bowel-complaints.	-		2 2	9.0	*	60	45	6	0.0	8.3	10	8		61 61	- 1	D 0	1 1	0 0	N 6				2.0	_	97	3.2	1
ACCORDING	1	POPULATION M.	Injury.	_	-	1 1	2		03	10	-1	1 0	1	I	\$	-	in in		_	4 .	0 0	- 6	9 1		1		*	Zi.	1 1	1
		ATTOR	Other diseases.	_	1 0		18.2		61	30.2	8.8	*	100	1	2.6	_	40	-	_									-	19.4	1
T0-		PER	АП свазов.	18.4	1.00	2.7%	7.58	-	14.9	28-1	2.0	187	2	24.2	100	7	9.4	2 1	10.00	2 2 2	9 12		200			47.0	9 1	9	0.29	1
	0	lo voo, f ai mitum	we sties to ottast a veg moitalnyou seew anoivery eds	0.68	18.8	87.0	80.2	9.6	101	10.8	1879	13.0	1.0	8-89	9.55	1	1	2 2 2	0.52	10.4	20.3	1	10.0	9.70	100	-	2 44	2 1	9.611	1
		DEATES	Malne.		-	10	2	60	100		es .	94	80	00	60	1	16	0 4	e. 1	0 5				9	6 6		2	14	1 12	1
		. 1	Pomalos.		10	a		pid	11	*	03	-	pel		91	49	ion (	99 e		H 5	00	in in	-			1		11	1 9	1
	Bex	RATIO PER 1,000 OF POPULATION PERANNUM.	Mules.	91.12	100	1	7.5	41	147	86.2	E.	90 88	11.9	8.00	9.98	ž	10.	1 1	0.00	2 0	48.8	7.	18.8			2 5		3	6.50	
		or adlas	Fermilon, Marie of male of	3	18.8	10	1.48	111	15-2	8.42	9.11	11.5	90	10.10	9.11	Pis.	6.91	8.4	19.4	9.9	21.48	9.11	30.0	2.60	9778	9.4		-	1 12	T
1		e propor-	damed that years of the best and the lattern done nots a stant take to the	172	110	1	136	#	æ	28	5	No.	350	187	200	fo male death,	127	3 9	7			101	1	77	120	6	123	æ	No female death.	

14					-		-	-	-	-	-	-	-		1	-							2 8							
		-						-					1			CORT	MORTALITY		RDE	ACCORDING TO	1					318	-	-	1	
							Class.															Age	é		4		1	-	1	
MSTRICTS.	NAMES OF MUNICIPALI- YIES.	. 4	ā	DRATES ANOTO-	MORY	1	la	ATTO P	10 PER 10	MATO PRE 1,000 OF POPULA- TION PRE ANNUM.	N. H.					DRATES	789.						-	RATIO PI	PBR 1,000	Daod 40	POPULATION	PRA ANT	BUB.	
		- A	Obribetiens,	.enbaili	NebomodaN.	Buddhints.	Other cleaner,	Ohrsetiene.	,embani H	Mahomodane, Buddhinte,	Orbor classes.	Under 1 year.	. and under Freats.	of vobus and 2	di toban bas of	og raban under 30 years.	30 and under 30 years.	00 soben bas of grant.	to and under so years.	50 and nador 60 years,	do years and up-	Under 1 year.	land under 8 years.	of rend under to	to and under 18	Of Tobin and SI . Pract.	So and under 30 years,	30 and under 60 years.	os solundes so yesre,	50 and under 60
Burless	Sandwan	1 *	1		1	1	1	H :			-			1	5	I	-	91	173	***	81	ž	25.6	in E	N. S.	A. C.	9.0	1.91	86.3	1
Heenis	Burbli and Ch	- 4	1	2 2	- <	1	1	1	_	2 2	4	1	1	99	1 '	7	-	•	+	pri )	*	2006	1	9.19	ŧ	- 1	7.7	97.0	× 11	N
,	Seranbore				5		1	1	2 1	0.00	•	_	=0	1	-	1 "	10	- 1	#G	96 1	0	8.19	70.3	ï	0.18	1	6.19	1.6	9.28	9.03
Personance	Ulterpara		-	*	, ,			y #6	2 1.00			*	1		1	1	-	B -	n	17	-	963.0	**	80.7	9.8%	5.55	3	8	467	2.18
,	Howrah	4	-		02		- 1	-	17.6	1 2 2				1	-		-	4 10		1	1	170.4	123.0	Ĭ.	100	i	\$2 91 91	9	-	1
Howers	Ball	1	i		98		1	34	-	19.8	1 1	I.	91	1 1	-	- 1	1	5 94	2 94	1		0 1	107.1	1	7.0	i	99 94	8.1	15.3	2
1000	Kishnaghur.	£	-	4	-		-	-	113	6.3	-	_	-	1	100	-	91	-	100	;	-	106.8	1.13				9.50	10.1		y ca
Nudden	Passachat	1	-	91	10			-	14.3	38-1	3	1	1	1	ŧ	:	-	per	pet	***	1	151					2.18	417	E 13	1 1
	Santipore	ŧ	1	m	- 1	-	1	*	7.00	2 00	-1		- the	1	*	-	en	200	1	1	1	2.19	2	2004	1	1	21.2	1	1	***
Jeans	Joseph	1	1	m	per .		1	2	34.6 33	13.4	-	*	_	1	1	-	No.	3	-	160	***	2	166.3	***	1	9.14	1	NAN	80.0	*
Evjahalge	Rampore Bean	- Harb	-	Po 1	70	*	9	es .	F.7 31	16.9	-	-	1	- 61	per	94	N N N N N N N N N N N N N N N N N N N	3	94	-	1	128.1	*	0.00	2879	2.29	• :	*	1.20	41.9
Darjilleg	Darjilles	1	1	91		*		61	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.98	-		1	1	1	292	***	15	I	ž	e4.	809-5	£	Arr		*	1	**	1	1
Darca	Dacos	i	1	2 1			N N	1		10.6	1			-	1	-	gre.	15	pri	91	80 V	127.0	141	157	. Stea	7.1	82.53	118.0	6.3	11
Childenne	Chiltnepse	1 1			. 4		1	2	2	1 10		-	1	1	-	1	-	3	-	-		<u>*</u>	ŧ	2	8.99	I.	20	*	87.3	12.80
Eipperah	7				100					-			ž	-	1	1		1.	¥.		100		1	I	202	3		200 AN	:	8
Pates	Patma Oily	1	1	37	ju.	-			7	5.8		- 01			1	-	10	1 99	10	100	9	24.1	1 4	*	1	2		19.4	18.8	1 1
1	Gya	1	3	=	0.	3	- 1	-	30'8 20'1	-		Pro .	1	-	90	10%	180	m	0		11	F. 506	1	9.99	F	623	28.2	18.3	6.13	ä
Sahabad	Arresh	*	1		-		1	-	8.0 31	0.18	94.6	83	pri.	_	1	***	hell	*	200	5	29	121.1	117	30-1	4 644	- in	9.9	ş	Ana	-
Mozziferpots	Mossforpore	1	3		-	1	-	#	15.6	95.00	1	_	102	-	1	No.	1	1	***	200	1	217-8	8	11.0		94	1.0	900	10.6	1
Darbhanga	Durbhangs	1	-	n		-	-	ă.	24.7 Bord	9	4	_	•		**	(01)	100		10	pri	*	167-0	27.3	1979	*.6	B 2	11.1	184	242	113
farran	Chapra	-	3	14	*	2	1	H.	15.4 17.8	199	*	_	-		i	1	***	and	ě	pet	Pro.	1.188	10.1	8.1	-	200	10	6.3	100	12.0
Bhage-Ipone	Ehagui pore	1		15	-00	2	-	20.0	2 34.1	1.	1	40	-	1	**	10	*	100	62	web.		217.8	19.2	6.9	8.2	6878	19-6	10.0	98.9	12.2
Monthyr	Monghyr	1	1	8	11	-	- 1	34	22 42	10		- 01	.00	-	-	*	10	10		1		10.0	1.92	1.4	14	1.82	200	ä	245	1
Purneah	Purnesh	1	- 1	1	*		2	-	14.0	200	-	1	ale a	1	***	-	-	100	Ī	1		-	*	Apr	1		9.91	-	1	1
Poori	Poori	i	2	18	1		1	- 687	-	1	1	*	2		94	pt	65	**	95	3	0%	1.000	To the	1.00	100	0.93	10.00	28.0	467	h
	TOTAL	1	1	218	2	-	1	1	11.8 11.8	2.00	1	3	8	18	18	8	2	13	99	2.0	22	127'0	21.6	11.6	12	167	143	12.8	20.9	15

#### PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing Quantities of Goods carried during the month of December 1889.

#### ORISSA CIRCLE.

#### TALDUNDA CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDA CANAL, 27 MILES. MACHGONG ,, 4 ,,

20)			TOTAL GOVERNMEN	T AND PRIVATE.		Part	PATE.	To Fee
beats	DESCRIPTION.		Quantity-Tons.		Value,	Quantity.	Value,	27
T Time time		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	Rowand
3	1. Grain	6	14	20	975	20	975	
***	2. Cotton	*****	*****	*****	******		******	3
***	3. Oilseeds	******	*****		*****	******	304***	
***	5. Piece-goods		*****	*****			*****	
122	6. Metal	*****	*****	****	******		*****	
19	7. Building materials	3	288 21	291 21	464	18	25	
3	8. Miscellaneous 9. Fuel	*****	21	21	1,135	21	1,135	
3 rafts	10. Timber No.	*****	99	99	187	99	187	
"	11. Bamboos	6 a + 6 x 4	2,100	2,100	27	2,100	27	18
5 boats 7 rafts.	12. Total	{ <sup>9</sup>	323 & 2,199 No.	332 & 2,199 No.	} 2,788 {	59 & 2,199 No.	2,349	
is bonts 12 rafts.	13. Total of same month last year.		1,040 & 32,876 No.	1,040 & 32,876 No.	} 4,326 {	141 & 32,876 No.	} 2,746	-
		Up.	Down.	Total.	1	,	1	1
							Re	. A. 1
H. Tota	number of boats ply-				Total tolla	ge of month	h—	
ín	g cargo No.	2	23	25	24 + 25	+ 26		12
	number of boats ving passenger No.	4	1	5				
	. 01		9	30	Total tol	lage of sa	me	
	al empty boats	.21	9	00	month las			12
cn	l registered tonnage, argo, private Tons	10	90	100				
	ent Tons	13	460	473	Me	emorandum of	Tollage.	
	registered tonnage,	69	26	109	-			
	ssenger Tons	83						
	to ditto, empty Tons	208	78	286	1 70-1			. A. P
	mileage	3,458	7,476	10,934		not recover he 1st of t		
MG 777 14	mated value of cargo Rs.	700	1,874	2,574	mont	9		8 0
			-,				1	
	ber of passengers	187	100	287	0 10-11	man marak	1 140	10 0
20. Num	ber of passengers				2. Tollage	per month	140	12 6
20. Num 21. Rafts	aber of passengers s, bamboos No.	*****	100	287	2. Tollage	per month	140	12 6
M. Num 4. Rafts 2. Do.,	ber of passengers s, bamboos No. bullahs ,,	*****	100 2,100 99	287 2,100 99			-	12 6
20. Num 21. Rafts 22. Do., 23. Estin	ber of passengers s, bamboos No. bullahs ,, nated value of rafts Re	***********************	100 2,100 99 - 214	287 2,100 99 214	<ol> <li>Tollage</li> <li>3.</li> </ol>	per month .	-	12 6
M. Num 41. Rafts 22. Do., M. Estin 4. Tolla	ber of passengers  s, bamboos No.  bullahs ,,  nated value of rafts Re  ge on boats ,,	*****	100 2,100 99	287 2,100 99	3.	Total	153	
M. Num d. Rafts d. Do., d. Estin d. Tolla d. Comp bo	ber of passengers  s, bamboos No.  bullahs ,,  nated value of rafts Resign on boats ,,  pounded tollage on lats Rs.	***********************	100 2,100 99 - 214	287 2,100 99 214 125-7-0	3. 4. Amount the ac	Total .	153	4 6
20. Num 21. Rafts 22. Do., 33. Estin 4. Tolla 45. Comp bo 66. Tolla	ber of passengers  s, bamboos No.  bullahs ,,  nated value of rafts Rege on boats ,,  pounded tollage on Bas.  age on rafts ,,	34-1-0	100 2,100 99 214 91-6-0	287 2,100 99 214 125-7-0	3. 4. Amount	Total .	153	4 6
20. Num 21. Rafts 22. Do., 23. Estin 24. Tolla 25. Comp 26. Tolla 27. Total	aber of passengers  s, bamboos No.  bullahs ,,  nated value of rafts Rege on boats ,  pounded tollage on pats Rs.  age on rafts ,,  I tollage on boats per	34-1-0	100 2,100 99 214 91-6-0	287 2,100 99 214 125-7-0	3. 4. Amount the ac	Total .	153	4 6
20. Num 21. Rafts 22. Do., 23. Estin 24. Tolla 25. Compute 26. Tolla 27. Total	ber of passengers  s, bamboos No.  bullahs ,,  nated value of rafts Rege on boats ,,  pounded tollage on Bas.  age on rafts ,,	34-1-0	100 2,100 99 214 91-6-0	287 2,100 99 214 125-7-0 15-5-6	3.  4. Amount the amont	Total .	in he 152	

## KENDRAPARA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 75 MILES.

	4. 30			TOTAL GOVERNMI	INT AND PRIVATE.		Par	PATE.	
Number of boats or rafts.	DESCRIPTIO	я.		Quantity-Tons.		Value,	Quantity.	Value.	
	4		Up.	Down.	Total.	Rupees,	Tons.	Rupees,	-
	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-good 6. Metal 7. Building m 8. Miscellance 9. Fuel 10. Timber 11. Bamboos	aterial	89 8 8 8	2 8 39  627 694	707 2 12 128 	35,130 500 1,260 11,050  7,810 2,23,460 70 1,520 440	707 2 12 128  286 1,336 25 11,376 o. ft. 9,387 ,,	85,130 500 1,260 11,050  6,710 2,23,460 70 1,520 440	
301 & 14 rafts.	12. Total	y v s	{	1,801 & 20,763 c. ft.	2,837 & } 20,763 c. ft. }	2,81,240 {	2,496 & 20,763 o.ft.	2,80,140	
368 & 18 rafts.	13. Total of month las	same t year.		2,007 & 52,219 No.	2,922 & } 52,219 No. }	3,04,060 {	2,717 & 52,219 No.	}3,01,990	
			Up,	Down.	Total.	İ	,		1
	number of boat cargo	s ply- No.	136	165	801	Total tollar	ge of month	Rs.	A
	number of boat passenger	s ply- No.	60	64	124	24 + 25	1 00	5,939	18
5 Ditto	empty boats	3.5	225	150	375				
	registered to	nnage, Tons	2,100	2,970	5,070	Total tolls month last	-	me 4,932	2
161. Ditto	ditto, Governme	ent "	*****	567	567			I IET	
	registered to	nnage, Tons	2,267	1,669	3,936	Me	morandum o	f Tollage	
71. Ditto	ditto empty boa	its ,,	1,704	624	2,328	7		Rø.	A
8. Ton-mi	leage	***	259,743	221,929	481,672	1. Balance	not recover	ed	
9. Estimat	ted value of carg	go Rs.	194,690	84,590	2,79,280	on th month	e lst of t	he 4,043	13
0. Number	r of passengers	***	2,541	2,484	5,025			2,0 10	
1. Rafts, b	bamboos	C. ft.	*****	9,387	9,387	2. Tollage p	er month .	5,939	13
2. Do., t	imber	33	7.440.44	11,376	11,376			104.00	
3. Estimat	ted value of raft	s Rs.	*****	1,980	1,960			1334	
4. Tollage	on boats	27	2,269-12-5	3,540-10-10	5,810-7-3	3.	Total .	. 9,983 1	11
5. Compou boats		on Rs.	*****	*****	******	4. Amount	credited i	n	
6. Tollage	on rafts	22	******	129-6-3	129-6-3	the ac	counts of th	. 5,240 I	14
7. Total to	ollage on boats	per ks.	******	*****	0-0-2-8				
ton-n	ollage on rafts			1		5. Balance d		A 117 25	

# HIGH LEVEL CANAL, RANGE I. LENGTH OF CANAL OPEN, 33 MILES.

	100		TOTAL GOVERNME	ST AND PRIVATE,	- 1	Parva	75.	- 62
bosts frafis.	DESCRIPTION.	T. A. I.	Quantity-Tons.		Value.	Quantity.	Value.	100
M. Littras	270	Up.	Down.	Total.	Rupees,	Tous.	Rupees.	REGARES
98 2 5 51  18 63 16 rafts do.	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods 6. Metal 7. Building materials 8. Miscellaneous 9. Fuel 10. Timber 11. Bamboos	278 1 19 101 148 13,284 c. ft.	3 161 128 57 925 c. ft.	14 16 15 14 13,284 c. fe 925 ,,	4 1,000 9 1,560 1 13,470  7 340 8 13,920 8 410	278 - 4 19 161  19 158 148 13,284 c. ft 925 ,,	22,890 1,000 1,560 13,470 140 13,920 410 5,610 80	
253 & rafts.	12. Total	566 & . 13,284 o.ft.	349 & 925 c. ft.	915 d 14,209 c. ft		{ 787 & 14,209e.ft	59,080	
171 & rafts.	13. Total of same month last year	277 & 1,526 No.	} 196{	473 & ,526 No.	36,710	430 & 1,526 No.	36,670	
		Up.	Down,	Total.	Total tolla	ge of month	Rs.	A. 1
Total 1	number of boats ply-				24 + 25	+ 26	707	8 1
ing	cargo No.	164	89	253		of same mon		
	passenger No.	5	4	9	nast year	***	445	14 (
Ditto	empty boats ,,	77	158	235	Mer	norandum of	Tollage.	
Total carg	registered tonnage, go, private Tons	1,100	485	1,585				
. Ditto	ditto, Government ,,	*****	245	245			Rs.	A. P
	registered tonuage, enger Tons	78	70	148	1. Balance	not monomen	a	
Ditto	empty boats ,,	367	551	918	on th month	e 1st of th	e	
Ton-mi	ileage	35,612	29,474	65,086	Month		301	6
	ted value of cargo Rs.	32,490	21,100	53,590	0 70-11			1
	or of passengers	60	47	107	2. Tollage p	er month	. 707	3 9
	bamboos C. ft.	10 11	925	4	*			
	timber.	13,284	820	925				
	ted value of rafts Rs.	5,610		13,284	3.	Total	1,008 15	3
	on hooks		80	5,690			7 75.0	
Compou	anded tollage on	326-7-2	221-6-4	547-13-6		redited in the		8
		*****	*****	*****			1 211	
	The first that the state of the	156-6-3	8-5-0	159-11-3				-
ton-n	ollage on boats per nile Rs.	******		0-0-1-6	5. Balance du	e at the end		
Total to	ollage on rafts per oubic feet Rs.	*****		1-2-0	of the n	onth	363 2	7

## HIGH LEVEL CANAL, RANGE II.

# LENGTH OF CANAL OPEN, 121 MILES.

	ha! .	-	TOTAL GOVERNMEN			Parv	4.15.
Number of boats or raffs.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Value.
	2 2	Up.	Down.	Total.	Rupees.	Tons.	Rupees.
30	-1. Grain	76	3	79	4,039	79	4,038
5	2. Cotton	1	4	4		41	730
7	3. Oilseeds	******	25	1 25	3,500	25	5(
20	4. Salt 5. Piece-goods	*****	21	21	5,880	21	3,500 5,880
101	6. Metal		*****		******		144944
11	7. Building materials		110	110	47	*****	*****
15	8. Miscellaneous	10	48 51	58 51	7,055	46	6,951
1 18 rafts	9. Fuel 10. Timber,885 No	*****	5,190 e. ft.	5,190 c. ft.	2,595	5,190 c. ft.	2,598
10 18/16	11. Bamboos	*****		- 1 > 2 0 1	*****		*****
90 &	12. Total	861	217½ & 5,190 c. ft.	304 & 5,190 c. ft.	23,918	176½ % 5,190 c. ft.	} 23,751
18 rafts.					,	0,100 b. It.	
68 & 8 rafts.	13. Total of same month last year.	105½ & 96 c, ft.	169 & 3,738 e. ft.	274½ & 8,834 o. ft.	18,120	267½ & 3.834 o. ft.	18,068
		Up.	Down, 5	Total.			- 1
					77		Ra
	number of boats ply-	32	58	90	Total tolla	ge of month	
mg	cargo No.	-		00	44 + 20	T 20	184
	number of boats ply-						300
ing	passenger No.	*** +1	1	1	Mark to the		
51. Ditto	empty boats ,,	30	68	98	Total tolls month las	-	ne 149
6. Total earg	registered tonnage, Tons	173	119	292			
	Govt. do. "		224	224	1	lemorandum o	f Tollage.
7 Matel	monistered tonname			100	7		
7. Total	registered tonnage, lenger Tons	*****	5	5			
7		440					Ra
71. Ditto	empty boats ,,	158	179	837			
8. Ton-m	ileage	4,302	7,240	11,542	on the		
9. Estima	ated value of cargo Rs.	4,552	16,771	21,323	mont	a	24
0. Numbe	er of passengers	151	262	413			11 8
1. Bafts,		***	*****	*****	2. Tollage	per month	184
2. Do., l		*****	5,190	5,190			
	ted value of rafts Rs.	******	2,595	2,595	3.	Total	208
		51-15-9	88-12-0	140-11-9	100		PA LAND
-	e on boats ,,	01-10-0	00-12-0	1-10-11-9	4. Amount	credited	in
5. Compo bost		*****	*** **	******		occounts of t	he 208
6. Tollage	e on rafts ,,	******	48-9-0	43.9-0			the least
	tollage on boats per				T. Children		
ton-	mile Rs.	******	*****	0-0-2-34	5 Relance	due at the e	nd
28. Total	tollage on rafts per 0 oubto feet Re.		1 1 7 7 4	0-13-5			Ni

## HIGH LEVEL CANAL, RANGE III. LENGTH OF CANAL OPEN, 19 MILES,

			TOTAL GOVERNMEN	TAND PRIVATE.		Parva	The	1	3
boats ar raits.	DESCRIPTION.		Quantity-Tons.	+	Value.	Quantity.	Value.		No
1.3		Up.	Down.	Total.	Rupees.	Tons.	Rupees.		REBA
7	1. Grain 2. Cotton 3. Oilseeds	151	*****	151	870	151	870	-	CONTRACTOR
2	4. Salt 5. Piece-goods	5	3	8	940	8	940		
4	6. Metal 7. Building materials	*****	35	35	113	*****	100000		K
3	8. Miscellaneous	*****	19	19	2,494	19	2,494		
6 rafta	9. Fuel 10. Timber, No. 310 11. Bamboos	*****	1,860 c. ft.	1,860 c. ft.	651	1,860 o. ft.	651		
16 & rafts.	12. Total	{ 201	57 & 1,860 c. ft.	77½ & 1,860 c. ft.	} 5,068		4,958		
24 & rafts.	13. Total of same month last year.	<b>52</b>	26 & 330 o. ft.	78 & 330 c. ft.	4,443	68 & 330 c. ft.	} 4,408	,	
		Up.	Down.	Total.					
							Rs.	A,	
cas	number of boats plying No.	8	8	16	Total tollar	ge of month + 26		9	
ing	number of boats ply- g passenger No.	11	12	* 23	Total tollag	e of same mon	ath 38	3	
6. Total	registered tonnage, Tons	41	44	85				-	1000
6½. Ditt	o of Govt. ditto "		70	70	M	emorandum of	Tollage.		
	registered tonnage, ssenger Tons	*****		****			p		200
74. Ditt	to of empty ditto "	47	22	69				3. 4	
8. Ton-1	mileage	1,301	1,850	3,151	on t	not recover he 1st of t	he		
9. Estir	nated value of cargo Rs.	1,454	2,963	4,417	mont	h	13	15	
0. Num	ber of passengers	235	223	458	2. Tollage	per month ,	53	9	
l. Rafte	s, bamboos C. ft.	*****		*****					_
2. Do.	, bullahs ,,	***	1,860	1,860	3.	Total .	67	8	
3. Estin	nated value of rafts Rs.	*****	651	651					
	age on boats ,,	15-2-9	22-15-0	38-1-9		accounts of t			
	pounded tollage on Rs.				mont	h .	67	8	-
6. Tolla	ge on raits	*****	15-7-9	15-7-9			-		
7. Total	l tollage on boats per n-mile Rs.	*****	100105	0-0-2-32		due at the en	nd -	endone)*	1000
8. Total	tollage on rafts per 00 cubic feet Rs.		*****	0-13-4		43	N	il	

#### JAJEPORE CANAL

## LENGTH OF CANAD OPEN, 61 MILES.

Name have of			TOTAL GOVERNMEN		-	PRIVA	,	
Number of brain or raits.	DESCRIPTION.	!	Quantity- Tons.		Value.	Quantity.	Value,	
		Up.	Down,	Total.	Rupees.	Tona,	Rupees.	
000	-1. Grain		•••					I
١	2. Cotton						000000	
. 10	3. Oilseeds		4 5 4 6 5 P	****	******	*****	*****	4
0.0.0	4. Salt	,		7 0 0 0 0		*****	*****	
• • •	5. Piece-goods 6. Metal		*** ** *		5 0 0			
***	7. Building materials				*****	*****	10.000	
13	8. Miscellaneous		101	101	2,450	101	2,450	1
1	9. Fuel	4	*****	4	55	4	55	ı
17 rafts.	10. Timber, 531 No.		3,186 c. ft.	3,186 c. ft.	415	3,186 c. ft.	415	1
080	11. Bamboos	** ***		107743		*****		
14 &	12. Total	1 4	101 &	144 &	} 2,920	{ 14} & 8,186 o.ft.	9.000	
7 rafts.	12. Iotal		3,186 c. ft.	3,186 c. ft.	5 3,020	\ 8,186 o.ft.	2,920	
8 & 12 raits.	13. Total of same month last year.	16 & 1,890 o. ft.	} 3 {	16 & 1,890 c. ft	980	16 1,890c ft	980	
		Up.	Down.	Total.			1	
							Rs.	A
	number of boats ply-	1	1.0	14				
mg	cargo No.	A	13	14	Total tollar	ge of month-		
5. Total	number of boats ply-				24 + 25	4 1362	- 12	9 4
	passenger No.		***		, 50	7 40	. 13 1	19
_	-		•		(F)			
5]. Ditto	empty ditto ,,	21	2	23	Total tolla	ge of sam	_	
6. Total	registered tonnage,				month last	year	. 9	7
o. Lotal	Tons		28	28	•			
	•		~	20			1,	_
64. Ditto	Govt. ditto ,.							
7 70 / 1					310	morandum of	Tollage.	
	registered tonnage, seenger Tons							
			* * * * * *				Rs.	,
	empty ditto ",	14	1	15	1 Relevas	not recovere		A
3. Ton-m	ileage	132	130	262	on th	ie let of th	8	
. Estima	ted value of cargo Rs.	55	2,450	2,505	montl	ū	15	8
. Numbe	er of passengers		00 00	*****	2. Tollage p	or month	. 13 1	4
. Rafts,	bamboos U. ft.	,		*****				
2. Do.,	bullahs ,,		3,186	3,186	3.	Total	. 29	6
3. Estima	ted value of rafts Rs.		415	415		Total	40	4
. Tollage	on boats ,,	2-7-0	3-2-0	5-9-0				
_		Q-1-U	0-2-0	0-0-0	A Amount	ama,3*4_9		
boat	unded tollage on Rs.	40000	*****	40 + 20 0		oredited in	8	
. Tollage	on rafts ,,		8-5-3	8-5-3	., month		. 29	6
	collage on boats per mile Rs.			0-0-4-07				_
- 45°		400 400	****	13-0-2-07	5. Balance	lue at the en	3	
. Total	tollage on rafts per ouble feet Rs.		<u> </u>	0-4-2	of the	month	Ni	U

## SOUTH-WESTERN CIRCLE.

MIDNAPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

comber of			TOTAL GOVERNM	SHT AND PRIVATE.		Par	VATE.	
nosts or rafts.	Dangarprion.		Quantity-Ton		Value.	Quantity.	Value.	20
		Up.	Down.	Total.	Rupeca.	Tons.	Rupesa.	BESTABLE
888	1. Grain	5.013	365	5,378	2,87,160	5,378	2,87,160	
	2. Cotton	125	47	3	1.300	3	1.300	
15 89	3. Oilseeds	1.40	710	172 710	15,481	172	15,481	
9	5. Piece-gnods	7	<b>53</b>	90	74,522 2,41,650	710	74,522	
19	6. Metal	122	79	201	1,86,560	201	2.44,630 1,86,560	
12	7. Building materials	77	6	83	1,785	83	1,785	
288	8. Miscellaneous	724 95	630	1,354	4,05,664	1,354	1,05,664	
18 6 rafts	9. Fuel	15,497 o. ft.	93 84 c. ft.	188 15,581 c. f	2.445	188	2,445	
) 19Trm	11. Bamboos	2 100 ,,	125	2,225 ,,	215	15,581 e. ft 2,225 ,,	7,619	
,,						2,230 ,,	218	
388&	12. Total	6.16 : &	2,016 &	8,179 8		8,179 &	)	
rafts.	12. 10ta:	17,597 c. ft.	209 e ft	17,806 c. f	t   16,21,304	17,806c.ft.	12,27,384	
58 &	13. Total of same	j 6,884 &	2,010 &	8,894 &	121000	(8.891 %		
rafta.	month last year.	29.801 e ft.	28 c. ft	29,829 o. ft.	310,76,485	8.894 & 29,529 o.ft.	10,76,485	
		Up.	Down.	Total.				-
				1			Re.	٨.
60 4 1	have of heads also				Total tollag	e of month		
	number of boats ply- cargo No.	1,074	264	1 999	24 + 25 + 2	U	10,883	15
	our go	*****	Æ U*į	1,338				
	number of boats ply-	0.00			Total tolla	ge of sa	me	
ing	passenger No.	460	658	1,118	month last	year	. 13,272	0
. Ditt	o empty ,,	514	766	1,280			- †	
Total	registered tonnage,							
carg		14,229	3,826	18,055	Men	orandum of	Tullage.	
71-4-1	magistared termon				1		4	
	registered tonnage, lenger Tons	3,964	4,105	9 / 60				
-		1		8,069	1			
	e empty	2,319	3,429	5,748			Rs.	A. P
	nileage	438,902	200,398	669,300	1. Balance on the	lst of th	le i	
	ated value of cargo Re.	6,69,267	5,50,280	12,19,547	month .	0.0	5,310-1	1 10
	per of passengers	3,426	9,303	12,729	2. Tollage per	r month	10,882 1	5 0
	bamboos C. ft.	2,100	125	2,225				
	bullahs ,,	15,497	84	15 581	3.	Total	16,193 10	10
	ated value of rafts Rs	7,614	223	7,837				
	e on boats ,,	7,026-8-6	3,616-2-0	10,642-10-6			1	
Compo	unded tollage on			1	4 A	muld by		
		* * * * * *	****	, . •••	treasury	paid into		
	e on rafts ,,	239-6-3	0-14-3	240-4-6	month		9,306 15	5
127 4 1	tollage on boats per			0-0-8				-
ton-n	aile Rs.	******	****				1	

#### HIDGELLEE TIDAL CANAL

LENGTH OF CANAL OPEN, 29 MILES.

			1	TOTAL GOVERNMEN	IT AND PRIVATS.		PRITAS	ru.	1
Bes	nter of	DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Value.	10 10 80
OF I	ENIEG.		Up.	Down.	Total.	Hupava.	Tons.	Rupeea.	R III III III III III III III III III I
		1. Grain 2. Cotton 3. Oilseeds 4 Salt 5. Piece-goods 6. Metal 7. Building materials 8. Miscelianeous 9. Fuel 10. Timber 11. Bamboos	3,919  9 346 31 126 c ft.	144 7 128 1 47 277 128 416 c. ft.	4,063 7 128 1 56 623 159 542 o. f'.	2,37,557 600 14,360 140 1,939 67,902 1,965 655	4,063  7 128  1 56 623 58 542 o ft.	2,37,557 600 14,360 140 1,939 67,902 1,115 655	
1,591 0 ra	1 &	.12. Total	4,305 & 126 c. ft.	732 & 4 6 o. ft.	5,037 & { 542 o. ft. }	8,25,118 {	4,966 & 542 e. ft	3.24,268	
,181,		13. Total of same month last year.	2,523 & 596 c. ft.	500 & 6,974 e ft	8.023 & 7,570 c. ft. }	1,86,749	3,003 & 7,570 c. ft.	1,86,574	
			Up.	Down.	Total.			le a	]
ta d		number of boats ply- cargo No.	888	703	1,591	Total tollag	ge of month- + 26 .	- lta. 3,400	
), !		number of boats ply- passenger No.	58	35	93	Total tolls month last	age of san	2,371	3
. !	Total carg	registered tonnage,	8.7118	3,630	12,398				and the same
		registered tonnage.	461	3-5	846	Mei	morandum of	Tollage.	
F	Ton-n	nileage	129,792	64.226	194,918			Ra.	A.
		nated value of carge R .	2,40,127	84 336	3,24,463				
. 1	Numb	per of passengers	927	1,361	2,288	1. Palance on th month		10	19
. 1	Rafts,	, bamboos C. ft.		** ***			•	1,636	
	Do.,	bullahs	126	416	ô42	2. Tollage	per month .	3,400	10
. 1	Estim	sted value of rafts Rs.	250	405	655				
	Tollag	ge on boats	2,271-6-8	1,122-4-0	3,393-10-3	8 To	ntal .	5,037	7
. (	Comp	ounded tollage on Rs.	0 5-6	000 44	0-5-6	4. Amoun	t paid in	to	
	Tolls	ge on rafts "	1-14-0	4-12-6	6-10-6		ry during th		0
	Total	tollage on boats per			0-0-3-3			0,000	
. Т		tollage on rafts per cubic feet Rs.	•••••	**.**	1-3-7		e due ut ti		6

# SONE CIRCLE. PATNA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 861 MILES.

lo su			TOTAL GOVERNMENT	FARD PRIVATE.	1	PRIV	ATR.		
19	Dusculption.		Quantity-Tons.		Value.	Quantity.	Value,		RK9
ftn.		t'p.	Down.	Total.	Rupeen,	Tons.	Lapeen.		REMARKS
14	I. Grain		134	134	7,953	134	7,953		
LA	2. Cotton							1	
17	3. Oilseeds		250	250	25,704	250	25,704		
3	4. Salt	75		75	6,870	75	6,870		
21	5. l'ieee-goods	144	2	146	25,640	146	25,640		
	6. Metal	8	1	9	17.030	9	17,030		
25	3. Building materials	100	114	2,4	1,830	95	1,255		
37	8. Miscellaneous	96	92	188	41,784	185	41,774		
	9. Fuel rafts		271	271	1 600	271	1,600		
0	10. Timber   boat	147	*** .	147	6,072	l l	150		
13	[ LETTER ]	4 ***	167	167	1,975	167	1,975	1	
0	11. Bamboos { boat	24	******	24	450	24	450		
~	11. Damodos   rafts	400	326	326	4,5×2	R26	4,552	1	
12	12. Total	594	1,357	1.951	1,41,490	1,683	1,35,013		
46	13. Total of same month last year	421	1,:51	1,572	1.00.000	1.170	1 07 701		
	month tast year	721	1,.01	1,0,2	1 08,338	1,176	1,07,761		
		Up.	Down.	Tertmi.			Ra.	Λ.	
	number of boats ply-				Total tollag	e of month			
	number of boats ply-	58	1,4	132	24 + 25 +	- 26	1,561	8	
	nasouger No.	G .	8	14					
	empty ditto ,,	48	18	66	Total tolla	ge of sa	me "		
tal	registered tonnuge,	8×8	951	1,840	mouth last	year	1,321	13	
	registered tonnage.								
	enger Tons	150	218	358	Men	norand <b>um</b> 0,	f Tollage.		
Dist.	empty boats ,,	246	107	353	×0		1		_
DIME	1								
	nileage	80,003	1.03,635	1,83,638			Ks.	<b>A.</b>	
)n-m	1	80,003 47,219	1.03,635 86,114	1,83,638 1,83,333	1. Balance		red	<b>A.</b>	
on-m stim	nihage			,	1. Balance on the month				
on-m stim umb	ated value of cargo Ra.	47,219	86,114	1,83,383	on the	1st of	red the	13	
on-m stim umb	ated value of cargo Rs.	47,219 397	86,114	1,83,333	on the month	1st of	red the 317	13	
on-m stim umb	niheage ated value of cargo Rs. ber of passengers bamboos C. ft. bullahs .,, ated value of rafts Rs.	47,219 397	86,114 406 48,897	1,33,333 803 48,897	on the month	1st of	red the 317	13	
on-m stim umb	niheage ated value of cargo Rs. ber of passengers bamboos C. ft. bullahs .,,	47,219 397	86,114 406 48,897 32,827	1,33,333 803 48,897 32,827	on the month 2. Tollage p	lst of see month	red the 317 1,561	13	
on-m istim iumb iumb isite, Do.,	bamboos C. ft. bullahs , , ated value of rafts Rs. ge on boats , , ounded tollage on	47,219 397  538-3-0	86,114 406 48,897 32,827 8,157 5~0-1-3	1,33,333 803 48,897 32,827 8,157 1,118-4-3	on the month 2. Tollage p	lst of see month	red the 317 1,561	13	
on-mistim dumb dafts, datim dellap demp	bamboos C. ft. bullahs , , ated value of rafts Rs. ge on boats , , ounded tollage on its.	397	86,114 406 48,897 32,827 8,157	1,33,333 803 48,897 32,827 8,157	on the month  2. Tollage p  3.	e 1st of see month  Total  credited	red the 317 1,561 1,879	13	
on-mestim dumb dafts, dafts, lastim desperadores	bamboos C. ft. bullahs ,, ated value of rafts Rs. ge on boats ,, ounded tollage on the Rs.	47,219 397  538-3-0	86,114 406 48,897 32,827 8,157 5~0-1-3	1,33,333 803 48,897 32,827 8,157 1,118-4-3	on the month  2. Tollage p  3.	e 1st of see month  Total  oredited counts of t	red the 317 1,561 1,879	8	
on-mistim dumb laits, Do., latim lollag	bamboos C. ft. bullahs , , ated value of rafts Rs. ge on boats , , ounded tollage on its.	47,219 397  538-3-0	86,114 406 48,897 32,827 8,157 5 \ 0 - 1 - 3	1,33,333 803 48,897 32,827 8,157 1,118-4-3	on the month  2. Tollage p  3.  4. Amount the ac	e 1st of see month  Total  oredited counts of t	red the 317 1,561 1,879	8	

# SONE CIRCLE. ARRAH CANAL SYSTEM.

#### LENGTH OF CANAL OPEN, 65 MILES.

				TOTAL GOVERNMEN	AND PRIVATE.		Parv	ATH.	
B	Number of	Dascription.		Quantity-Tona,		Value.	Quantity.	Value,	
2 Cotton 6 3 Gineeds 10 4 Salt 10 4 Salt 10 6 Firee-goods 114 1 1 15 20,400 15 20,400 6 Firee-goods 114 1 1 15 20,400 15 20,400 8 7 Building materials 1 2 3 26,200 3 80,200 8 7 Building materials 1 1 2 1 10 1 60 60 1 10 9 Fuel 1 10 10 Fuel 1 11 Ramboos 1 134 134 1,300 134 1300 1 134 134 1,300 134 1300 1 146 13 Total of same 464 1,471 1,935 1,56,932 1,477 1,54,234  Total number of boats plying earge No. 1 10 Total total of same 464 1,471 1,935 1,56,932 1,477 1,54,234  Total number of boats plying passenger No. 1 10 Total total of same 464 1,471 1,935 1,56,932 1,477 1,54,234  Total number of mpty boats No. 1 10 Total total of same 50 1,612 2,217 1 10 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	or mits.		Up.	Down.	Total.	Rupeen,	Tone.	Rupees,	
2. Cotton 6 3. Gilseeds 10 4. Salt 10 4. Salt 10 1. Spece goods 11 1 1 1 15 20,460 15 20,460 16 3. Gilseeds 11 1 1 15 20,460 16 20,460 16 3. Gilseeds 11 1 1 2 3 26,200 3 30,2	8	1. Grain	, , , , , ,	169	169	13,833	169	13,833	1
10			*****						
1									
8 Metal 1 2 3 90 60 60 61 92 97 1 71 71 90 60 60 61 92 98 Miscellaneous 125 596 721 19,019 163 18,611 10 9 Full 160 160 160 1,650 10 15 Full 160 160 1,650 120 1 1,609 231 1,009 231 1,009 134 1,300 134 134 134 1,300 134 13				1	_				
8 7. Building materials									
10   9   Fuel   160			1						i
10. Timber   231   231   1.099   231   1.099   144   1.300   1.300				596			163	18,611	
Bullahe   231   231   1,099   231   1,099   231   1,099   231   1,099   231   1,099   231   134   1300   1300	10		160	*****	160	1,000	4 8 9		1
11.	1	T) 11 1			931	1 000	921		1
Total   1.2   Total   1.969   1.969   2.378   1.19,225   1.619   1.27,127   1.54,234   1.2   1.54   1.3   1.54   1.54,234   1.3   1.54   1.54,234   1.54	Date 1								
134   12. Total	Regitts.								
13. Total of same month last year.   10p.   10pp.								9,020	
Total number of boats plying cargo	134	12. Total	409						
Total number of boats plying cargo   No.   1   1   2   24 + 25 + 26     1,353   1   24 + 25 + 26     1,353   1   24 + 25 + 26     1,353   1   24 + 25 + 26     1,353   1   24 + 25 + 26     1,353   1   1   2   1   1   2   1   1   1   1	146		464	1,471	1,935	1,56,932	1,477	1,54,234	
Total number of boats plying cargo No.  Total number of boats plying cargo No.  Total number of boats plying passenger No.  Total number of boats plying passenger No.  Total number of empty boats No.  Total registered tonnage, cargo Tous  Tous Total registered tonnage 43 46 89 Memorandum of Tollage.  Total registered tonnage, cargo Ro.  Total 1,23913  Ro.  Total 1,23913  Ro.  Ton-mileage Advance of cargo Ro.  62,536 61,377 1,23,913  Number of passengers  504 624 1,188  Rafts, bamboos C.ft  20,230 20,230  2, Tobage per month 1,353 1  Do., bullahs  Total 1,359 1  Total 1,359 1  Total 1,359 1  Total collage on boats  297.8-9 429-11-0 727-3-9  A. Amount credited in the accounts of the month  1,210  Total tollage on boats per ton-mile Ro.  Total tollage on rafts per  170-11-9 170-11-9  Total tollage on rafts per  100-0-1:87 5. Balance due at the end of the month  380			Up.	Down.	Total.			R	R
Total number of boats plying cargo						Total tollar	e of manth		
Total number of b ats ply   1   1   2   1   1   2   1   1   2   1   1			27	107	134				3
Total number of empty boats   No   Total registered tonnage, cargo   Tous   Total registered tonnage passenger   Tous   Total registered tonnage passenger   Tous   Total registered tonnage empty   Tons   393   50   448	5. Total	number of beats ply-	1	1	2.	PHY . A			
Total registered tonnage cargo   Tous   Total registered tonnage passenger   Fous   Total registered tonnage passenger   Fous   Total registered tonnage passenger   Tous   Total registered tonnage passenger   Tous   Total registered tonnage   Tous   Total registered tonnage   Tous   Tou	5 Total	l number of empty	92	11	103				)
Total registered tonnage passinger   Tous   43   46   89	6. Total	registered tonnage,	605	1,612	2,217				. ~
Total registered tonnage, empty   Tons   393   50   448   Ra.	<ol><li>Total</li></ol>	registered tonnage	4:3	46	89	.W	rmarand <b>um o</b> j	Toilage.	
## Tons   393   50   448   Ra.    Ton-mileage									
Ton-mileage 44,047 77,260 121,307  Estimated value of carge Rs. 62,536 61,377 1,23,913  Number of passengers 564 624 1,188  Rafts, bamboos C.ft 20,230 20,230 2. Tohage per mouth 1,353 1  Do., bullahs 17,618 17,318  Do., firewood 46,750 46,750  Estimated value of rafts Rs 5,312 5,312 3. Total 1,590  Tollage on boats 297-8-9 429-11-0 727-3-9  Compounded tollage on boats Rs. 228-0-0 456-0-0 456-0-0  Tollage on rafts 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs 170-11-9 170-11-9  Total tollage on rafts per ton-mile Rs 0-0-1-87 5. Balance due at the end of the mouth 380			393	50	443			R	8.
Estimated value of carge Rs. 62,536 61,377 1,23,913 on the 1st of the month 236  Number of passengers 564 624 1,188  Rafts, hamboos C.ft 20,230 20,230 2. Toltage per month 1,353 1  Do., bullahs 17,818 17,318  Do., firewood 46,750 46,750  Estimated value of rafts Rs 5,312 5,312 3. Total 1,590  Tollage on boats 297-8-9 429-11-0 727-3-9  Compounded tollage on boats Rs. 228-0-0 456-0-0 456-0-0 month 1,210  Tollage on rafts 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs 0-0-1'87 5. Balance due at the end of the month 380	8. Ton-m	ileoge	44,047	77,260	121,307				
Number of passengers 564 624 1,188 Rafts, bamboos C.ft 20,230 20,230 2. Toliage per month 1,353 1 Do., bullahs 17,618 17,318 Toliage on boats 5,312 5,312 3. Total 1,590 Tollage on boats 297-8-9 429-11-0 727-3-9 4. Amount credited in the accounts of the month 1,210 Total tollage on boats per ton-mile Rs. 170-11-9 170-11-9 Total tollage on rafts per ton-mile Rs 0-0-1-87 5. Balance due at the end of the month 380	9. Estima	ated value of cargo Rs.	62,536	61,377	1,23,913	on the	lst of t	he ;	
Do., bullahs	0. Numbe	er of passengers	564	624	1,188	month	• •	236	)
Do., firewood 46,750 46,750  Estimated value of rafts Rs 5,312 5,312 3. Total 1,590  Tollage on boats 297-8-9 429-11-0 727-3-9  Compounded tollage on boats Rs. 228-0-0 228-0-0 456-0-0 month 1,210  Tollage on rafts 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs. Total tollage on rafts per ton-mile Rs. Total tollage tollage Rs. Total tollage tollage Rs. Total	. Rafts,	hamloos C.ft.		20,230	20,230	2. Toliage ;	er mouth	1,853	} ]
Estimated value of rafts Rs 5,312 5,312 3. Total 1,590  Tollage on boats ,, 297-8-9 429-11-0 727-3-9  Compounded tollage on boats Rs. 228-0-0 228-0-0 456-0-0 month 1,210  Tollage on rafts ,, 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the month 360	Do.,	bullahs		17,618	17,318				
Tollage on boats ,, 297-8-9 429-11-0 727-3-9 Compounded tollage on boats Rs. 228-0-0 228-0-0 456-0-0 the accounts of the month 1,210 Tollage on rafts ,, 170-11-9 170-11-9 Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the month 380	2j. Do.,	firewood "		46,750	46,750				-
Compounded tollage on boats Rs. 228-0-0 228-0-0 456-0-0 456-0-0 the accounts of the month 1,210  Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the month 380	3. Estima	ated value of rafts Rs.		5,312	5,312	3.	Total	1,590	}
Compounded tollage on boats Rs. 228-0-0 228-0-0 456-0-0 the accounts of the month 1,210  Tollage on rafts ,, 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the month 380	. Tollag	e on boats ,,	297-8-9	429-11-0	727-3-9				
boats Re. 228-0-0 228-0-0 456-0-0 month 1,210  Tollage on rafts ,, 170-11-9 170-11-9  Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the month 380	. Compo	unded tollage on						he	
Total tollage on boats per ton-mile Rs 0-0-1:87 5. Balance due at the end of the mouth 380			228-0-0	228-0-0	456-0-0	Al.		1,210	1
ton-mile Rs 0-0-1'87 5. Balance due at the end of the month 380	. Tollage	on rafts ,,		170-11-9	170-11-9				
Total tollage on rafts per 380		tollage on boats per			4. 4. 2. 4.0				
100 mbig foot		*9			0.0.1.87	D. Balance	tue at the e	nd	
A 1214 TOURSET TOURSET FEET	ton-			*****	0 0 2 111			980	)

BUXAR CANAL SYSTEM.

#### LENGTH OF CANAL OPEN, 67 MILES.

unher of			COTAL GOVERNMENT A	IND PRIVATE.		Parv	ATE.			
talta.	DESCRIPTION.		Quantity-Tons.		Value,	Quantity.	Value.			REMARKS.
		Up,	Down.	Total.	Rupnes.	Tona.	Rupae	l.		N. S.
7  16 8	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods 6. Metal 7. Building materials 8 Miscellaneous 9 Fuel	2 1  1 42 4	179 1 161  1 165 94	179 3 162  2 207 98	14,365 4.960 18,455  3,150 1,430 6,978	179 3 162 2 56 98	6,9	50 50 50 80 78		
ta	10. Timber 11 Bamboos	, , , , , , , , , , , , , , , , , , ,	209	209	100 4,585	209	4,5	85		
40	12 Total	50	812	862	54,023	711	52,6	73		
5.5	13. Total of same month last year.	103	789	892	68,492	811	66,8	68		
	•	Up.	Down.	Total.				-		
Total	number of boats ply-						1	Rs.	<b>A.</b>	
ing	number of boats ply-	4	36	40	Total tollag	n of month				
ing	passenger No.	6 30	7	13 41	24 + 25	+ 26		34	5	
082		64	1,004	1,068	Total tolla	age of sa	me	18	12	
	registered tounage, senger Tous	162	168	330						
. Litte	empty ,,	112	45	157				,		
Ton-n	nileage	9,635	16,429	26,064	.12	lemorandum	of Tollag	e.		
Estim	nated value of cargo Rs.	8,464	40,934	49,338				Re.	Α.	
. Numi	per of passengers	316	3721	688	1. Balance	not recover				
Rafts	, bamboos C. ft.		31,305	31,305	mont			1	11	
Do.,	bullahs "	00000	146	146	2. Tollage	per month	5	34	E.	
. Estim	nated value of rafts Rs.	*****	4,685	4,685	101100	The second second		77	0	
	ge on boats	73-5-9	122 0-0	195 5 9	3,	Total	5	36	0	
J. Comp	counded tollage on Rs.	107-0-0	107-0-0	214-0-0	4. Amount		in			
i. Tolla	ge on rafts ,,		124-15-6	124-15-6		eounts of t	he	4 1	0	
Tetal to:	tollage on boats per lis.		0 4 . 0 6 9	0.0-3						Die Control
B 177.4.0	tollage on rafts per			0-6-4	5. Balance	iue at the er	id			

# ABSTRACT FOR THE MONTH OF DECEMBER 1889 AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

		Tau	PFIC.	1889-90.				TI	LAPPIC,	1898-89,			
CARAL	Imring the	mont	հ.	To and of th	n <b>mao</b>	nth.	During the	mon	ith.	To and of the	mon	lh.	RHWARES
Orissa Circle.	Rs.	Α.	r.	Rs.	A.	P.	Re.	A	. Р.	Rs.	A.	P.	
Taldunda Canal System	140	12	6	2.881	11	1	413	12	9	1,821	13	6	
Kendrapara Canal System	5,949	13	6	36,440		1	4,942		5	34.358	_	6	
High Level, Range 1	707	8	9	5,232		4	445	-4-		4,270		6	w
Ditto " II	184	4	9	2,112		0	149 38	13		1,754		0	
Ditto ,, III	53 13	9	6	976 80	2	9	9	7		803 57	14	0	
Jajepore Canal	10	14	0	OU	1	11			9 1	01	17	.,	,
Total Orissa Circle	7,039	15	3	47,674	0	2	5.989	6	1	43,067	5	8	
South-Western Circle.									,				
Midnavore Canal	10.8-2	15	0	1,06,162	11	6	13,272	()	3	1,01,349	7	9	
Lidgetiee Tidal Canal	3,400		3	36,821		9	2,371	3		44,701	5	0	
-			_					_					
'otal South-Western Circle	14.283	9	3	1,42,954	1	3	15,643	3	9	1,46,050	12	9	
Sone Circle.													
atna Canal System	1,561	8	9	18,294	7	9	1.321	13	3	19,370	14	9	
rrah ditto	1,353		6	13,800	14	8	1,272	2	0	14,949	2	2	
uxar ditto	534		3	5,268		8	518		0	6,775	11	6	
Total Sone Circle	3,449	13	6	37,369	12	1	3,112	12	0	41,095	12	5	
GRAND TOTAL	24,773	6	0	2,28,027	13	6	24,745	5	10	2,30,213	14	5	

#### GOVERNMENT TRANSPORT SERVICE.

			TRAFFIC.	1889-90.							Traffic,	1889-ED,	4	
CANAL		During O	e month.	76	end of t	he mont	h.		I	during the	month.	To	end of th	e month.
	Passes dura.	Gonda.	I del receipts.	Passon- gors.	Goods.	Total :	pane) µ	*5.	Phones.	Goods,	Total receipts.	Parsen- Hern.	Goods.	Total recesp
Orisza Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs.	٨.	P.	No.	Mds.	Rs. A. P.	No.	Mds.	Ru. A.
High Level	928	1,061	1.009 10 3	5,519	5,837	7 115	4	6	617	759	525 10 10	3,711	2,722	4.127 7
Total Orissa Circle	928	1.081	1.009 10 3	5,549	5,867	7,115	4	6	517	759	525 10 10 I	3,711	2,723	4.127 7

#### TOTAL NAVIGATION RECEIPTS.

			RARS	11206,	1889-90,				BAR	KIYAG,	1886-80.			
Cabal.		During the	nonth		To end of the			During the	mont	h.	To and of the	month	4	Aumanus.
		Rs.	۸.	P.	Ra.	A.	P.	Rs.	A	P.	Ra.	A.	P.	
Orissa Canals	• • •	8,049	9	6	54,789		-	6,515	_	11	47,194	12	5	
Midnaporo Canal Hrigolico Tidal Canal		10,882 3,400	10	3	1.06,162 36,821	5	8	13,272 2,371	3	8	1,01,349 44,701	5	9	1
Sone Cauala		3,449	13	6	37,369	12	I	3,112	12	0	41.095	15	6	
Total		25,783	0	3	2,35,143	2	Ü	25,271	0	8	2,31,341	5	7	

CALCUTTA,
The 18th March 1890.

G. A. G. SHAWE,
Under-Secy. to the Govt. of Bengal.

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

#### SOUTH-WESTERN CIRCLE.

#### NUDDEA RIVERS.

Statement showing quantities of Goods carried during the month of January 1890.

	•		TOTAL GOVERNMEN	TAND PRIVATE.		PRIVATE		
pate of calls.	Description,		Quantity-Tons.	0.	Vaino.	Quantity.	Value.	BEE
line.		Up.	Down,	Total.	Rupeea.	Tons.	Rupece,	Bruane
790	1. Grain	2,265	4,220	6.485	3,79,224	6,485	3,79,22	4
101	2. Cotton	* 4 . * * *		*****				1
11	3. Oilseeds	***	125	125	16,100	125	16,10	01 =
233	4. Salt	2,069	* * * * * *	2,069	1,76,962	2,069	1,76,96	2 =
148	5. Piece-goods							1 5
21	6. Metal*	89-44	11	100.44	62,175	100.44	62,17	5
13	7. Building materials		31.63	123-63	3,162	123.63	3,16	
882	8. Miscellaneous	2,356	6,18 -63	8,530.63	12,86 235		12,86,23	
7()	9. Fuel	864	132	996	2,925	996	2,92	
ats 108	10. Timber	880 o.ft.	33,400 c. ft.	34,280 e. ft.		34,280 e.ft.	1,01,52	
1	11: Bamboos	10 ,,	500,100 0.100	10 ,	6	10 ,,	-,,	6 8
29 & prafts.	12. Total	{ 7,729.44 & 890 c. ft.	10,700·26 & 33,490 e. ft.	18,429·70 & 34,290 o ft	20,28,309	{ 18.429.70 & 34,290 c.ft	20.28,30	9 da spunds
			00,170 0. 20.	02,000 0 10			,	200
3. 150	13. Total of same	5 7.463 &	10,931 &	18,394 &	24,61,059	18,394 &	24,61,08	.0
er rafts.	month last year	241 c. ft.	10,905 c. ft.	11,146 c. ft.	324,01,000	11,146 c. ft.	1 23,01,00	10
=:=		Up.	Down.	Total,			Rs. A	
W Total	number of boots ply-				Total tollage	e of month-	Its. A	. Pi
	cargo No.	1,049	9=0	2,029	24 + 25 + 2		10,462	1 0
t. Empi		2 3 10 2 10	J. 0	~30.00	44 4 40 4 4		10,302	1 0
&c.		423	237	660	Total Acile	~		
	number of boats ply-	3.00	401	000	Total tolla		10,053	6 0
		589	621	1,210	month last	year	10,000	0 0
Ti:	passenger No.   tto empty boats ,,	25	15	40			1	
m 11	tto empty bonts ,,	~ U	1)	40				
	registered tonnage.	00.07**	07.000	40.110	M	movendum of I	Collage.	
Car		20,277	21,839	42,116				
	registered tonnage,	(14) 8	0.10					
	senger Tons	291	226	517			1 70	
1011-11	nilenge		7 7 7 4 2 4	101111		not resevered	Ks.	A. P.
	ated value of cargo Rs.	8,12,026	11,14,757	19,26,783		ne 1st of the	A TO SEC	
A Numb	per of passengers No.	2,135	1,738	3,873	mont	1	457	1 6
L Raits	bamboos C. ft.	10	1 1 - 0 0 0	10	1			
	bullahs "	840	33,400	34,280	2. Tollage p	er month	10,462	1 (
Latin	ated value of rafts Rs.	1,326	1.00,200	1,01,526			-	_
d Tollay	ge on boats ,.	4,430-3-6	5,399-8-0	9,829 11-6	3. Total	0.00	10,919	2" (
a. Comp	ounded tollage on						1	
bo	nts Rs.			201100	4. Amount		1	
Tolla:	ge on rafts	6-1-6	626-4-0	632-5-6		ry during the	1	
J. Total	tollage on beats per		1		mont	1	10,569 1	5:-0
tos	ı-mile*						- "	
	tollage on rafts per 100	******			5. Balance	due at the end		
	bic feet Rs.		1	1-13-6		month	349	3 6
(21)								

<sup>.</sup> Boats in these rivers do not pay per infle.

Abstract for the month of January 1:90 as compared with the corresponding menth of the previous year.

			188	8-90.	1885-5P,			
		1	During the month.	To end of the month.	During the month,	To end of the month.		
			Rs. A. P.	Rs., A P.	Rs. A. P.	Rs. A. P.		
lollago	000 4 000		10,462 1 0	1,67,874 12 9	10,053 5 0	1,75,687 1 2		

The 18th March 1890.

G. A. G. SHAWE, Under-Secy to the Goot, of Bengal.

#### PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

# SOUTH-WESTERN CIRCLE. ORISSA COAST CANAL SYSTEM.

LENGTH OF CANAL OPEN, 971 MILES.

Statement showing quantities of Goods carried during the month of January 1860.

			TOTAL GOVERNMEN	T AND PRIVATE.		Parv	ATE.
Migniter of boats or rafts.	DESCRIPTION,		Quantity-Tons.		Value.	Quantity.	Value.
PAGE,		Up.	Down,	Total.	Rupees,	Tons.	Rupees
295	1. Grain	2,439	616	3,055	1,25,307	3,055	1,25,307
	2. Cotton		*****	*****		***	
2	3. Oilseeds	5	******	5	460	5	460
24	4. Salt	+ B + + + +	196	196	1	196	22,300
7	5. Piece-goods		34	34		34	6,800
a n n difed	6. Metal		70	76	707	Party Party	
15	7. Building materials	287	480	767	73.087	37	517
845	8. Misoellaneous	21	131	152	1.374	737 116	71,367
rafta 5	10 001 1	482 o. ft.	130 c ft.	612 c. ft.	574	612 o. ft.	1,124
1, 15	21 D	(3.70 Pr	0.35	500 ,,	91	200	574 91
1, 10	II. Bamboos	275 ,,	220 ,,	,,		500 ,,	9.1
1,205 }	12. Total	2,758 €	1.527 &	4,255 &	2,30,700	4.180 &	2,28,540
20 rafts	12. Total	757 o. ft.	355 c. ft	1,112 c. ft.	] ", ", "	1,112 c.ft.	( 2,00,000
1,5987	18. Total of same	3,929 &	1.190 &	5,119 &	10 40 050	€ 4,920 &	20.40.00
28 rafts	month last year	1,119 o. ft.	770 c. ft.	1,889 c. ft.	2,42,252	1 1,889 e.ft.	} 2,40,524
		Up.	Down.	Total.		,	Re.
14. Total n	umber of boats plying		1		Total tollag	ge of month-	_
carg		546	659	1,205	24 + 25 + 2	.6	6,158
	number of boats ply-	- i		2.00	Total tolk	age of san	
	passenger No.	80	89	169	month last	year	7,140
	registered tonnage,			10.030			1
cargo		5,817	4,808	10,625	1		
17. Total	registered tonnage,	601	054	1 707	Me	morandum of	Tollage.
Passe 18. Ton-mil	enger Tous	831	954	1,785			
	ed value of cargo Rs.	179,×90   126,030	170,147	350,037			
	of passengers No.	2.009	1,04,005 2,987	2,30,035	1 70 1		Rs.
21. Rafts, b		275	225	4,996 500	I. Balance	not recovere	d
22. Do., b		482	130	612	on the l	st of the mor	
	ed value of rafts Rs.	490	175	665	2. Tollage p	er month ,	6,158
24. Tollage		3,153-10-6	2,981-11-3	6.135-5-9	3.	FF1 4 1	200 000
	nded tollage on	-,	2,002 24-0	0,200-0-0	U.	Total .	12,670
boats	- 1	11000			4. Amount	maid A	
6. Tollage		21-15-0	1-3-0	23-2-0	treasury	paid in during th	
	ollage on boats per			-3-4-0	month	9	P 0.00
ton-m	rile Rs.	*****		0-0-3-3	Month	q	1,000
(n) (fit a 1 a . 1	llsg on rafts per 100		1		5. Balance	ine at the en	d
					- Samming	TITO OFF OFFICE OFFI	S.A. I
eubic	feet Rs.	*****	******	2-1-3	of the me	onth .	4 461 1

Abstract for the month of January 1890 as compared with the corresponding month of the precious year.

			1.800	-90.	1888-80.			
			During the month.	To end of the month,	During the month.	To end of the mont		
100			Rs. A. P.	Rs. A. P.	Rs. A. P.	Re. A. 1		
Tollage	0.00	 	6,158 7 9	49,392 0 9	7,140 2 0	53,159 14		

OALCUTTA, The 18th March 1890.

G: A. G. SHAWE, Under-Socy. to the Gort. of Bengal.

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. SOUTH-WESTERN CIRCLE.

CALCUTTA AND EASTERN CANALS.

Statement showing quantities of Goods carried during the month of January 1890.

			9					
		TOTAL GOVERNMEN	T AND PRIVATE.		Patt	TATE.		
mbaral Description.		Quantity-Tons.		Value.	Quantity.	Value.	B 85.0	
THE BOX.	Up.	Down.	Total,	Rupees.	Tons.	Rupees.	REMARKS	
1,922 1. Grain 1 2. Cotton 3. Oilseeds 937 4. Salt 5. Piece-goods	14 123 483	74  27 6,154	38,145 14 150 6,637	37,14,807 7,200 19,650 6,50,387	38,145 14 150 6,637	37,14,607 7,200 19,650 6,50,387	page.	
15 6. Metal 7. Building material 2,704 8. Miscellaneous 509 9. Fuel 10. Timber	1,604 26,341 10,143	29 138 1,839 3,706	1,742 28,180 13,849	29,850 20,696 35,60,655 .1,05,750	1,742 28,180 13,849	29,850 20,696 35,60,655 1,05,750	details, see next	
11 Bamboos	*****		*****		*****	•••••	deta	
5,614   12. Total	76,810	11,967	88,777	81,08,795	88,777	81,08,795	For	
6,735 13. Total of same month last year		9,177	101,680	91,60,970	101,680	91,60,970	382	
	Up.	Down.	Total.					
Total number of boats plying eargo No		602	5,614					
a. Do. exapty boats	2,853	1,495	4,348	24 + 29 + 3	26	55,492	0 9	
5. Total number of boats plying passenger No		6	402	Total tollag	e of same mo	onth 62,571	. 4	
6. Total registered tonnage cargo Ton		36,978	2,52,700		-	. 2		
7. Total registered tonnage passenger Ton		15	852	Me	morandum (	of Tollage.	8	
8. Ton-mileage	18,95,060	3,69,780	22,64,840			Rs.	A.	
9. Estimated value of cargo Rs	72,21,304	8,87,491	81,08,795		not recove		No.	
Number of passengers No	1,346	36	1,382	on the month	ie lst of	the 1,128	7	
Rafts, bamboos C. ft	***	2 * + 4 f# T	0 0 4 0 0 o	2. Tollage	per month	55,492	06.	
2. Do., bullaha ,,	10	* * * * * *						
8. Estimated value of rafts Rs	, ,,,,,,	***		3. Total		56,620	0	
4. Tollage on boats ,,	46,428-5-9	9,063-11-0	55,492-0-9	3. Total	W 6 T	96,620	8	
6. Compounded tollage or boats Rs		****		4. Amount treasu	paid it	nto the		
%. Tollage on rafts	*****			month	1	54,328	7	
Total tollage on boats per tou-mile Rs B. Tetal tollage on rafts per 10 cubic feet Rs	o	000.00	C-0-4:70	5. Balance of the	due at the e	2,292	11.0	

# ARTICLES OF TRAFFIO INOLUDED IN ÎTEM 8 (MISCELLANEOUS). CALCUTTA AND EASTERN CANALS.

	1	<u>x</u>	T	OTAL GOVERNMENT	AND PRIVATE.		Paiv	ATE.	
Number of busts or raits.	Dasca	uprion.		Quantity-Tons.		Value.	Quantity.	Value.	
1814.			Up.	Down.	Total.	Rupeds,	Tona,	Rupees.	
949	(a) Jute		22,132	62	22,194	28,01,412	22,194	28,01,412	
91	(b) Jagg	ету	545		545	58,375	545	53,375	
1	(c) Sugar	r	****	14	14	3,200	14	3,200	
1	(d) Toba		16	*****	16	3,150	16	3,150	
911-	(e) Fish	000	259		259	72,539	259	72,539	
16	(f) Hide		23	*****	23	5,270	23	5,270	
43	(i) Poult	ту	. 9	****	9	7,209	9	7,209	
123	(h) Hay	and straw	648		648	9,080	648	9,080	
. 81	(j) Oil	***	18	1,249	1,267	1,77,425	1,267	1,77,425	
37	(k) Earth	nenware	74	15	89	1,245	89	1,245	
451	(m) Other		2,617	499	8,116	4,26,750	3,116	4,26,750	
2,704	Total Mis	pellaneous	26,341	1,839	28,180	35,60,655	28,180	35,60,655	

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. SOUTH-WESTERN CIRCLE.

#### TOLLY'S NULLAH.

Statement showing quantities of Goods carried during the month of January 1890.

		TOTAL GOVERNME	ET AND PRIVATE.		Parv	ate.	
the of DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Value.	Breares.
	Up.	Down,	Total.	Rapees,	Tone.	Rupees.	M M M
5 2. Cotton 9 3. Oilseeds 76 4. Salt 5. Piece-goods 6. Metal 7. Building materi 1,184 8. Miscellaneous 146 9. Fuel 10. Timber	15,894 25 164 575 als 2,286 3,811 2,210 3,191 c. ft. 64 ,,	366  123 52	25,896 25 164 941 2,286 3,934 2,262 3,191 a. ft. 64 ,,	14,21,599 12,600 20,425 92,225  9,706 3,94,880 17,638 7,977	15,896 26 164 941 2,286 3,934 2,262 3,191 c. ft.	14,21,599 12,800 20,425 92,225  9,706 3,94,880 17,638 7,917 11	details, see next page.
27 & 12. Total	{ 24.965 & 3,255 c. ft	543	25,508 & } 3,255 c. ft. }	19,77,061 {	25,508 & 3,255 c. ft.	} 19,77,061	· For d
25 & 13. Total of san month last year .	29,798 & 461 c.ft.	676	30,474 & } 461 c. ft. }	21,25,081	30,474 & }	21,25,081	
	Up.	Down,	Total.			Re.	
Total number of boats plyin cargo N	8,146	81	8,227	Total tollage	e of montl	h— 11,200	A. 13
Do. empty boats		255	1,661	Total tollag	e of same mo		-
Total number of boats plying passenger N		24	616	last year	16,389	4	
Total registered tonnag		2,878	77,316	Ме	morandum a	of Tollage.	
Total registered tonnag		135	1,709			Rs.	A. 1
Ton-mileage	7,38,021	46,048	7,84,069		not recover		
Estimated value of cargo R	s. 19,18,181	50,892	19,69,073	month		892	13
Number of passengers N	o. 4,503	331	4,834	2. Tollage	per month	14,200	13
Rafts, bamboos C. f	t. 61	2 * * * *	64			2	
Do., bullaha ",	3,191	0 • • • • •	3,191	2 (1)		14:00	10
	7,988	** ***	7,988	3. Total		14,593	IU (
Estimated value of rafts R		738-6-6	14,178-13-0				
Polls 1 4	, 13,440-6-6						
Tollage on boats	n	• • • • • • •	0 0 0 0 0 B	4. Amount	paid in	ito	2
Tollage on boats .	99-0.0		22-0-0			ho	1 4
Tollage on boats  Compounded tollage on boats  Tollage on rafts  Total tollage on boats persons	22-0.0	••••			ry during t	ho	1 6

# ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISOELLANEOUS).

		To	DEAL GOVERNMENT A	ND PRIVATE.		Pmiva	TH.
Number of bosts or	DESCRIPTION.		Quantity-Tom.		Value.	Quantity.	Value
raits.		Up.	Down,	Total.	Bupees.	Tons.	Rupcos.
14	(d) Jute	88	15	100	12,600	100	12,600
112	(b) Jaggery	670	3	673	65,975	673	65,975
	(c) Sugar					\$ 0 a o n d	4 9 6 4 4
7	(d) Tobacco	69	9	78	15,400	78	18,400
257	(e) Fish	33	4	37	10,395	87	10,395
Ť2	(f) Hides		****	40000		200404	• • • • •
2	(g) Poultry	1		1	128	1	128
0001111	(h) Hay and straw			90000	80000	B00 **	60000
- 52.	(j) Oil	510	12	522	73,125	522	• 73,125
117	(k: Earthenware	104	19	123	1,718	123	1,718
623	(m) Other miscellane- ous.	2,336	64	2,400	2,15,589	2,400	2,15,539
1,184	Total Miscellaneous	3,811	123	3,934	3,94,880	3,934	3,94,880

# ABSTRACT FOR THE MONTH OF JANUARY 1899, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

-		TE	AFFIC	1889-00.		+1	TRAPPIC, 1888-5P.					
	During the month.			To end of the mouth.		During the mouth.			To end of the menth.			
	Rs.	A.	P.	Ra.	۸.	P.	Rs.	A.	P.	Ra.	A.	P.
Calcutta and Eastern Canals	55,492	0	9	2,90,826	2	3	62,511	4	9	3,43,225	8	8
Tolly's Nullah	14,200	13.	0	81,574	1	9	16,389	4	6	1,09,229	8	0
Total	69,692	13	9	3,72,400	4	0	78,960	9	3	4,52,455	0	3

CALCUTTA, The 18th March 1890. G. A. G. SHAWR, Under-Secretary to the Govt. of Bengal.

#### CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday; the 15th March 1890, as compared with the corresponding week of the previous year.

A	NATURE OF CARGO.				DAY, THE	WREE ENDING SATURDAY, THE			
N47018				Weight of cargo,	Tollage,	Number of boats,	Weight of cargo.	Tollagu.	
			No.	Mde.	Rs.	No.	Mds.	Ra.	
Rice and paddy Jute Firewood Other articles	. 000	000 000 000	1,079 83 199 <b>9</b> 02	1,96,925 64,425 63,600 2,70,195	8,139 1,155 966 8,954	695 63 171 1,006	1,98,615 87,850 97,010 2,48,960	3,421 649 1,459 8,978	
	Total	•••	2,178	5,93,146	9,214	1,925	6,71,986	9,602	

### EAST INDIAN BAILWAY.

Statement of Goods Traffic in Staples carried during the three works and four days ended 26th January 1890.

as compared with the same period of 1889.

	Bu and the	300	90.	10	AD.	Incr	0.00.	Dean	10.00
4	STAPLES.	Weight.	Freight.	Weight.	Preight.	Weight.	Preight.	Weight.	Freight,
		Mdn.	Ra.	Mds.	Ro.	Mds.	Re.	Mdo.	Be.
-	Bornes, ponies, and mules	No. 308	7,860 681	No. 213	6,318	No. 90	1,047	No	(Br +1
MIMALS, LIVING	Sheep and goats	., 3,323	3,071	., 8,460	2,134 883	11 663	887	10 001111	
loras	400 101 100 000 000 001	6,618	5,158	6,084	3,075	3,729	2,083	004.414	68
lanes and ratans mutchous (India	n-rubber)	<b>65</b>	180	67	184	*****	******	*****	201200
hinoso and Japan coal and onke, up	MEG WEFO 740 100 100	8,26,650	2,34,008	7,16,000	2,41,425	1,10,590	481717	B :	0,43
Ditto, dow	10	2,57,665	8,01,048 1,71,468	27,65,800	3,74,994	69,313	15,187	4,88,370	77,60
otton, raw	Twist and yarp (European) (Indian)	6,507 10,522	8,861 8,038	7,257	9,198	*****		2,2,3	36
PACTURED.	Pleco-goods (European)	70,757	70,723	12,815	1,22,57%	111140	4444	28,195 735	48,55
	Assfertida	21,043 11n	13,497	21,761	14,760	101100	004757	205	1 17
BUSS AND MR-	Other sorts, not intoxicating Intoxicating drugs (other than	1,781	1,580	2,240 1,812	1,362	40144	011-04	667	33 **65
DIGIRMS.	opium, i.e., arsenio, bhang, ganja, and charse, &c.)								
	Indigo	8,648	5,264	6,469	8,897	70	16	2,616	8,1
TRING MATE-	Safflower	211	201	177	167	5-6	17	*****	101010
RIALS.	Other kinds	7,878   10,358	4,220	6,820 16,035	3,518 6,734	1,058	721	5,677	2,76
erthenware and		50.6 60,998	296 11,089	460 59,447	7,462	104 561	4,477	040000	. ******
Innone Avo.	Do., manufactured (gunny-	66,207	28,039	80,717	29,814	100277		1,450	87
DUCTS.	Other fibres, raw	22,933	6,251	81,456	10,437	d 900	4.11.1	. 8,521	6,10
	Cocomuta manufactured	8,5417 6,1953	2,948	1,108 6,523	400 - 3,213	1,399	1,150	370	24
AVITS & NOTE	All other kinds Whone	1,21,005	10,970 35,768	1,63,134	24,635 30,818	*****	1,950	41,230	5,66
A Decision	Gram and palses	E, 602, 607 6, 69, 67 a	1,08,778	8,33,467 10,14,295	51,207	17,000	9,340	3,44,620	000 .40
BAIN & PULISH (	Do., unhusked	6,643	2,716	83,653	2,37,958 4,526	*****	102211	23,100	1,19,91
Overnment stores	Other rain and spring crops	22,175	34,860	1,89,166	\$1,121 \$2,013	2,3%6	1,150 12,057	17,760	******
ume and regime	Hidee of cattle	8,401	11,353	3,580 71,293	1,977	371	370	17,620	10,87
ides à Skiss	Skins of sheep, goats, and	11,044	4,644	17,060	7,715	44****	****	6,022	3,01
OFR8	or' and one sed one her	1,782	1,841	1,221	687	511	784	23	100000
AO	Do, shell	14,363	11,334	15,857	155 12,627	*****	14+ mg #	1,514	1,29
	Do., stick and other kinds	2,041	6,084 3,983	41,303 2,396	13,255 4,460	711100	440.404	355	6,69
ADOLA	Ditto, manufactured	18,010	3,483 12,838	2,57± 14,566	12,436	*****	614	756	63
ala	THE REP. LAN. 400 FOR 11.1	1.71,920	21.615	1,12,103	195 18,335	59,673	3,277	53	99.0044
Inerals AND	1	26,1172	17.821	17,461	10,505	9.611	7,316	004498	******
LABUSACTURES (	Other metals	90,570 2,423	52,861 3,414	80,182 3,031	2,570	4,394	635	******	2,36
da	** *** *** *** ***	81,023	40,018	84,215 48,818	49,152	\$7,710	16,530	10,318	9,11
tinte and colours	(Then	20, 532 30, 557	2,087	3,50s 30,540	2,000 16,704	17,72s 317	31	111110	
BOAISTOES	Osher kinds	5,037 1,20,.65	8,049 3,118	5,107 84,715	5,404	85,567	645	*****	111100
ilway materials,	Construction Account	1,34,090	41 NG	84,790	1,820	28,306	8,218	543711	
ds ;	Saltpetre	4.71.756 02,483	91,862 29,516	6,72,477	89,070 27,854	*****	1,653	3,983	*****
LEPSTES, &C.	Other saline substances	65,753	19,783	1,63,673	1,920 52,813	2,826	197	97,920	32,59
COIR-	Mustard and rapo	95,664	10,435	89,014	10,0H2	8,650 88,240	2,770	******	100.00
EDS SHEDS.	Til er sinjelly	23,190	5,400	27,564 36,710	8,845 9,158	*****		10,940	3,66
1 Character (	littigo aned	1,38,703	48,041	1,21,173	37,401	17,830	10,640		******
C BERDS. S	Other kinds	50,434 3,463	10,546	35,744 1,957	11,050 1,861	11,690 1,656	4,490 872	101111	457
	Do., manufactured (European)	8 008	92	26 805	97 395	83	ee	18	2.
1005	*** *** *** *** ***	20,613	18,943	8,921	8,151	17,794	13,092	3.750	5,88
one and marble	Sugar, refined	1,30,876	13,040	1,84,635	19,501 21,984	of the state of	16,357	20,603	12,151
20A3	Do., unrefined	1,088	67,480 1,817	2,03,651 1,889	53,193 8,407	37,624	14,357	301	890
M ' *** {	Do., Foreign	20,008	0,659	7	6,833	2,447	826	7	
bacco	Timber	84,650	7,154	18,158 20,004	5,397	4,755	1,757	******	5 0 0 1 0 0
009 {	Whol saw	1,010	1,412	24,089 680	1,039	15,461	1,323	**	*****
	Do., manufactured (Euro-	264	637	1000	612	38.6	1.6		411000
300	Dewn). Wool, manufactured (Indian)	1,376	1,601	1,363	1,481	13	110	*****	410184
other articles of	47 52 60 THE TOTAL CO. T. C.	2,:1,271	1,14,934	2,10,038	1,29,597	37 4577	8,003	7.767	5,300
net in the	100 000 110 800 bac 000	60,824 56,790	9,440	23,747	0,156 5,330	17,077	1,113	2,453	001000
	117 553 *** 104 009 001	78,31,639	80,40,757	88,14,295	22,54,500	5,52,222	1,70,187	11,34,878	3,78,740

General remarks on the fluctuations of principal staples carried door the East Indian Railway durin 9 month ended 26th January 1890.

#### D. THURRAUMS.

. Cotton. - The increase occurred chiefly in despatches from stations on the "C" and "D" districts to Howrsh and Bunipsy for

expert.

Gram and Pulses.—This was chiefly in dail from Cawapore to Howrah for local consumption; she in gram from Manhar and Phaghand to Agra and Benarce.

Gosprement Stores.—Chiefly in Commissariat stores from Calcutta to Bawalpindi and Quetta.

Brass and Copper.—This increase was in the unmanufactured articles from Howrah to Miraspur and Hathras, and in attacks from Miraspur.

Oil.—Chiefly in kerosine-oil from Howrah to Patna and other stations.

Railwav Material, Foreign.—This was in rails, sleepen, and other permanent-way material despatched from Howrah to Damocha and Umballa Cantonment for the Bengal-Nagpur and Delhi-Umballa-Kalka Railways.

Oilsean.—The increase under this head was in chillies despatched from Mokameb and oil Mokameb Ghât to Howrah and Burdwan, where the article was in good denand.

Singer (refined and unrefined).—There was a decrease in refued sugar and an increase in the unrefined article or jaggeos, causing a net increase, and this was due to considerable despatches from stations on the Dinapore district to Howrah due to the high price ruling in Calcutta for common sugar.

DECARAGES.

#### DECREASES.

Cost .- The decrease occurred in downward coal to Howrah for export. The traffic was exceptionally brisk in the correspond.

'Goal.—The decrease occurred in downward coal to Howran for export. The traine was successionally stated in period of last year.

'Trive-goods, European.—Chiefly in despatches from Howrah, there having been a falling off in the up-country domand; configuration from Bombay to Cawnpore wid Jubbulpore also fell off owing to diversion of the traffic to the Indian Midland. Railway route.

Rica (hasked and wahushed).—The decrease in this staple occurred almost entirely in despatches from stations on the "A" and "B" districts to up-country stations, owing to there having been a demand for rice during the corresponding period of last

Histor.—The falling off under this head was chiefly in despatches to Howrah, due to short supplies.

Opium.—This traffic is regulated by the Opium Department, and the decrease was entirely in consignments to Howrah.

Seeds.—The decrease was chiefly in linseed, due to stocks being quite exhausted.

N. St. L. CARTER, Traffic Manager,

TRAFFIC MANAGER'S OFFICE, CALCUTTA, 11th March 1890.

#### Weekly Return of Traffic Receipts on Indian Railways.

#### EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 8th March 1890, on 1,5254 miles open

	COACRIE	o TRAFFIC.			er and Minneal appic,		Total earnings.	TRAPPIC TRAIN-MILES NO.		
44	Number of passengers.	Recoipti	ь.	Weight ourried.	Receipts.	(estimated).	rote   earninge.	Conching.	Merchan- dies,	Total,
		Ro. A	. г.	MDS. s	Ro. A. P.	BB. A. P.	Rs. s. r.			
Total traffic for the week Or per mile of radway For provious 9 weeks of balf-	25n,119°	3,04,463 11 1140 9 26,13,833 14	- 6	26,45,162 10	300 03 0	19,183 9 0 13 9 3 1,77,188 9 0	9,29,953 \$ 0 104 15 2	\$200,00	100,0070	179,464
Total for 10 weeks	2,850,964	29,19,207 9		2,51,54,630 80			89,60,603 6 0	880,040 647,045§	785,780 896,1771	1,569,740
Companies.  Setal for corresponding week of previous year Permitted catteny correspond- ing week of previous year. Total to corresponding date of providue your	3,503,486}	8,40,858 8 223 3 20,59,229 10		27,61,015 •	6,05,092 14 2, 397 4 10 00,96,866 8 3	16,802 4 7 10 14 0 1,82,806 8 9	9,03,880 11 a 681 4 a 98,00,894 5 2	67,666	90,211  909,737	164,063

<sup>\*</sup>The decrease in coaching traffic is chinty in 3rd class, and is apparently due to figures for the corresponding period of 1869 having included a portion of the

Approximate Statement of gross receipts of the East Indian Bailway, prepared in accordance with Public Works
Department Circular No. XXI, Bailway, dated 23rd July 1883.

Ancare of	en for want	C MADENO 159.		r Manch 189			, RECHIPTA PRO PRIL 1888 TO 0: MARCH 1880.			PRIL 1880 TO 61 MARON 1890.		Total	Total decrease in
Mean mileare worked	Becapte.	Par mile worked.	Mean mileage worked.	Receipts.	Par mile worked.	Mean milenge worked.	Total receipte.	l'ar mile worked per week,	Mean wileago	Total receipte.	For mile worked por week.	1890.	1890.
1,6254	Re. 9,68,239	Ro.	1,626}	Ra. 9,28,963	Ra.	1,4866	Re. 6,17,66,180	Me. 660	1,000}	He. 6,14,77,876	<b>284.</b> 855	E6.	<b>B.</b> a. 9,68,74

#### . PATNA GYA STATE BAILWAY

Approximate Bolism of Traffic for week anded 8th March 1890, on 674 miles open

	COACHIBO	o Trappic.	NERCHAPPION TRAFF	AND MINURAL PIO	Other enemings	Mass I	TRAPPEO	TRAIN-MILE	BUS.
	Number of passengers.	Beceipts.	Weight carried.	Becaipts.	(estimated).		Conchings	Merchan-	Total.
		Ba. A. P.	Mps. c.	Bo. A. P.	Rs. A. P.	Ro. A. P.		-	
reparation for the week	13,418 - 207	6,147 0 0 107 7 8	<b>80,842 20</b> 860 10	3,095 8 0 84 1 10	84 7 0 0 D 8	9,976 18 9 102 ± 11	1,792	-001	2,394
of provious U wooks of half-	°107,786	957,076 d 0	+5,20,001 0	121,411 B 0	2401 6 0	79,780 2 0	15,405	6,958	21,357
Tatal for 10 wpolts	119,601	64,136 6 0	3,71,943 10	25,500 0 0	635 14 0	80,084 1 0	17,197	. 6,684	23,751
Comparison.		1.						او. حي	
otal for corresponding week of previous year of railway occresponding week of previous year	16,487	9,791 11 7 171 8 11	21,701 90 879 90	1,673 14 0 27 8 8	77 0 6	11,648 10 1	2,198	396 .4	2,026
otal to corresponding date of	182,994	79,005 18 8	8,08,517 0	17,306 0 0	411 15 5	;90,228 13 6	18,910	5,105	24,074

Disturted number of passengers 1,927 and Re. 1,165 and 307 and secount of differences between the approximate and sudited returns to week ended 25th January 1900 and of the second seco

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, dated 23rd July 1883.

Ancat P	MARCH IS	e wydine 80.	Recuir 81	TS POR WERE			L RECRIPTO FAC PRIL 1868 TO 91 MARCH 1889.		AP	EBCHIPTS PRO BIL 1889 TO STI MARLH 1890.		Total	Total
Nonth simute wirked.	Ressipte.	Per mile worked.	Mean milrage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Por mile worked per week.	Mean mileare worked.	Total receipts.	Per mile worked per week,	increase in 1890.	decrease in
87)	36. 11,683	Re.	87 <u>è</u>	Rs. 9,277	Ra, 163	673	Ra, 4,88,983	Ra. 164	57)	Ba. •4,71,158	Ra. 161	Ro. 12,178	» Ra.

Deducted Rs. 863 on account of difference between the approximate and audited figures to week ended 25th January 1899.

#### TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 8th March 1890, on 22; miles open.

	COACEINO	TRAFFIC.	Mange and the		Other carnings	Total	TRAPPIC	THAIN-MIL	ES RUN.
	Number of passengers.	Recolpts.	Weight carried.	Receipts.	(ostmaned).	enraines.	Conching.	Merchan-	Total
		Ro. A. P.	Mos. s.	Rs. A. P.	Ra. a. r.	Ra. a. P.			
Tout raffic for the week	21,436	5,751 4 0 258 7 9	19,585 20	638 8 0 28 7 4	0 9 2	6,397 8 0 257 8 3	871	167	946
for previous 9 works of half-	*183,943	*45,435 11 0	†1,21,4 <b>32</b> 30	†0,176 16 O	264 1 0	69,636 10 0	7,471	787	9,656
Potal for 10 weeks	201,479	54,100 18 0	1,41,918 30	4,808 1 0	70 13 0	56,051 18 0	8,742	nsa	1 P.526
Comparisor.							1		
Istal for corresponding week of generally year.  Permile of railway correspond-	38,048	6,681 4 0	8,249 80	311 9 0	6 9 6	6,940 6 6	906	61	म्पूठ
ing week of previous year		200 8 8	*****	16 0 0	0 4 9	307 13 5	291429		41.41
previous year see	121,440	87,881 4 0	94,688 10	8,314 5 0	64 13 3	60,910 7 0	9,013	646-	9,658

\* Added number of passengers 367 and Ra. 03 † Ditto manufa 1,500 and ... 13 2 Ditto ... 3

Approximate Statement of groze receipts of the Turkessur Branch Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, dated 28rd July 1883.

LICEUPT 171	FOR WEEK 188	******	RECEIP	TS POR WREE	MADING	TOTAL	ABCRIPTS FRO LPRIL 1888 TO B MARCH 1889.	M lor	TOTAL	APRIL 1885 TO 8 ALARCH 1890.	om lur	Total	Total
Hain tiesce wrkęd.	Recripte.	Per mile worked,	Meen milenge worked.	Receipte		Mean m leaste worked.	Total receipta.	Per mile worked per week.	Mean unbago worked.	Total receipts.	Per mila worked per week.	15PV.	decresso in 1800.
	Re	Ra.		Ro.	24.		Ba.	Rs.		Re.	Re.	Ra.	Re
24	6,810	108	201	0,897	286	20)	9,67,798	246	284	*2,69,723	238	000***	8,087

Added Ma. 78 on account of difference between the approximate and audited figures to week encod 15th January 1890.

#### EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K. and D., and Assau-Buhan Sections.)
Approximate Meturn of Traffic for week ended let Murch 1890, on 747 miles open.

	COVORTIN	TRAFF	te.		MERCHAN		BAND MIS	132	LL	Other or	steed	1).	Tota	al .	TRAPPLO	TRAIN-MILI	m non,
	Number of passengure.	Conch			Weight ourried.		Recei	pts.		includ atomm-l			ORPHI	ogs.	Coaching.	Merchan- dise,	Total
,		Re.	Δ.	P.	Mps.		Bo.	A.	P.	Ro.	۸.	2.	Ra.	A. P.	1		
Or per mile of rathway	146,300 196	\$1,520 100	0	0	6,14,080 888	0	1,08,940	0	0 0	84,580 *Li	0	0	8,08,340 257	0 0	88,178	96,948	00,113
Seet the total or mari-	1.201,810	6,14,310	0	0	47,18,370	0	D,69,260	0	0	1,32,330	0	0	17,15,800	0 D	174,884	868,818	683,060
Totalfor 8 weeks	1,546,100	6,98,830	0	0	83,29,400	0	10,71,800	0	0	1,68,810	0	0	19,94,140	0 0	197,757	175,487	023,214
Total for corresponding week of previous year	149,377	87,544			8,71,048		82,730	-		81,300			2,01,873		22,500	10,100	65,500
Total to corresponding date of previous year	9.52 1,391,967	130 7,13,861			64,26,263	0	0,39,211		0	1,50,871		0	17,03,983	0 0	198,979	297,740	481,714

<sup>&</sup>quot; Excluding stoomer earnings.

#### FINANCIAL YEAR,

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

	PM POR WHEEL I			PTO POR WREK ST MARCE 1890			L RECEIPTS FOR 21 PRIL 1888 To 21 MARCH 1889.			RECEIPTS PROPERTY IN LANCE 1889 TO 11 MARCH 1890.		Total increase in	Total
Menn Enfance worked.	Receipts,	Per mile worked.	Moan mileage worked.	Receipts.	Per mile worked,	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileago worked.	Total recaipte.	l'er mile worked per weak,	1669-90.	decrease in late-se,
(38	2,01,879	Rs.	747	Ra. 1,08,340	Ro.	673	Ra. 90 <sub>4</sub> 45,322	Re. 253	727	Ro. *1,06,69,290	Ra. 307	Ra. 7,45,000	. No.

<sup>\*</sup> Audited up to week ending Sist December 1869.

#### BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended let March 1890, on 125 miles open.

Receipts,	Other sarnings (sstimuted).	Total carmings.	Conching.	Merchap.	
Bo. A.P.		-	4	dans,	Total.
	Bo. A.P.	Re. A. P.			-
3,080 0 0 34 0 0	80 0 D	18,590 0 0 108 0 0	3,736	2,15	6,000
22,130 0 o	600 0 0	1,03,180 0 0	23,266	14,074	42,160
25,150 0 0	680 0 0	1,16,700 0 0	84,090	16,950	45, 180
8,846 0 0	284 0 0	14,208 0 0	8,784	1,057	A,IPE
27 0 D	1 0 0	114 0 0	-00.001	100.000	40,511
	27 0 0	27 0 0 1 0 0		27 0 0 1 0 0 114 0 0	27 0 0 1 0 0 116 0 0 Masse

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	TO MARCH 18			PAPOR WERE			1 BECRIFFO FRO , 1880 TO END ] 1880.		APRII	L BEE TO 187 1 1490.	MARCH	Total	Total
Hean mileate washad	Becoupts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked	Total receipts.		Mean m.legge workski.	Total receipts.	Par mile worked pr week.	increase in 1480400.	Linus.
120-	Ra. 10,200	Ro. 136	126	No. 13,650	Rs. 108	125	Re. 6,60,006	Re. 110	198	<b>Ro.</b> *0,74,151	- Ra. 118	Re. 15,449	B.

<sup>6</sup> Audited up to week ending 31st December 1809

## DACCA STATE BALLWAY.

Approximate Return of Traffic for week ended let March 1890, on 86 miles open.

100	COACRIB	TRAFFI	0.	Минсиамр		PIG.	er a		Other car	n l nun		Tota	,	THAPPIO	TRAIN-MILI	HO RUY.
- 134m	Number of passengers,	Coach		Weight carried.		Receip	la.		(estimut	ad).		earmin		Coashing.	Merchan-	Total.
4		Rs.	A. P.	Mne.	B.	Ro.	4.	P.	Ro.	A. 7		Ra.	A. P			
Total traffic for the week Or per mile of railway For previous a weeks of half-	19,830 213	7,040 83	0 0	26,450 308	0	2,370 28	0	0 0	270 8	0 0	0	0.0*0	0 6		<b>O</b> 4	8,190
7007 A	126,400	46,640	0 0	2,33,250	0	25,360	0	0	1,500	0 (	)	73,580	0 0	18,778	0,405	. 02 100
Total for 9 weeks	144,820	55,680	0 0	2,89,700	0	25,730	0	0	1,850	0 (	0	03,940	0 (	21,254	7,688	38,270
Companion.  Cotal for corresponding period at previous year  Per mile of railway corresponding period of gravious year  Total to corresponding date of provious year	# 18,510 , 819 157,671	8,570 65	0 0 0 0	14,301 166 1,07,270	0	1,034 12 10,640	0	0		0 (	)	6,686 7H 54,676	0 0		5. Mg.	3,104 27,470

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

Buontif E	TO YOU WHEN TO MARCH 180	NYDING		TO YOU WEEK			RECEIPTS PRO 1885 TO END 1 1889.		APRIL	RECEIPTS PEC 1859 TO IST & 1889.	M ler	Total	
Mean monage worked.	Receipta,	Per mile worked	Mean mileage worked.	Receipts.	Per mile worked	Mean milenge worked.	Total receipts.		Mean milmgo worked.	Total receipts.	Per mile worked per week.	increase in 1689-00.	1550-00.
	Re.	Ra.		Ra,	Re.		Ra.	Ra.		Re.	Ra.	Ra,	Ra.
86	8,000	70	88	9,690	113	80	2,78,050	67	86	*3,69,518	80	90,468	4110000

<sup>\*</sup> Audited up to week ending 31st December 1839.

#### TIRHOOT STATE RAILWAY.

Approximate Between of Traffic for the week ending 8th March 1880, on 273 miles open.

4-4	Содения	TRAFFI	ic.	MRECHARD	ibra Libra	FFIG.	RE	AY.	Other on	min		Tota	. 1		TRAPPIC	TRAIN-MI	LEO RUN.
	Number of pussens.	Coachi		Weight antrind.		Receip	re,		(estima			667111			Coaching.	Merchan-	Total
		Ra.	A. P.	Mps.	s.	Ra.	Α.	P.	Ra.	A I	٠. ا	Re.	A.	r.			1
im'traffe for the week  Froe trafe of ratiway  For previous 8 weeks of half-	41,246 161	16,420	0 0	2,59,101 949		28,414 106		0	3,325 8	0	0	48,501 160			6,023	8,250	LASSO
[002 in on on on on	428,402	1,04,304	0 0	23,24,363	0	2,67,344	0	0	31,460	0 (	0	4,63,504	0	(1)	49,557	83,821	139.88kg
Comparisor.	400,680	2,00,724	0 0	25,83,460	0	2,141,163	0	0	35,153	0 (	0	5,35,069	0	0	\$5,550	91,567	147,147
tetal for corresponding week of perious year	45,907	17,146		1,18,429		13,402			2,919	0 0		32,367	0	0	5,689	6,257	- <b>Д2</b> ,596 -
in vest of previous year in interesting date of previous year and an in in	401,238	1,85,296	0 0	13,51,696	0	1,25,664	0	-	20,071	0 0		109 3,10,930			34,929	56,930	111,000

<sup>•</sup> Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhort State Railway.

Lacury Vo	TO FOR WENE	nudino f	Receir	TO POR WRIE M MARCH 189			. REGUIPTO PRO PRIL 1888 TO 9 MARCH 1889.			L RECEIPTS PRO APRIL 1889 TO ( MARCH 1890,		Total	Total
Man age	Receipts.	Per mile worked,	Mean mileage worked.	Receipts.	Por mile worked.	Mean micage worked.	Total receipts,	Per mite, worked per week.	Mean mileage worked.	Total receipts,	for mile worked per wook.	increase in 1889-90.	decreasing 1860-20,
. s. /	ilo 80,567	Ra.	978	Ra. 46,861	Ra.	265'88	18s. 38,60,483	Ra.	973	Ra.	Ro.	Ba.	Ra,

DARJEELING-HIMAL	AYAN BAILW	ar comb	ANYM	LMITED.	· Bu
Approximate carnings for week end	ing 22nd Pebrus	ry 1890	***	•••	9,597
, Increase		*** *	108	***	578
Receipts per mile for week ending Corresponding period of 1889	22nd February	1890	***	040	Rs. A. P. 188 2 19 176 14 4
Increase	5.00	•••	***	***	11 4 6
Receipts from 1st January to 22nd Corresponding period of 1889	February 1890	400	***	000	59,911 56,787
Increase a.	600	•••	***	***	3,124

LREGISTERED No. 20.7



No. 13 of 1890.

# The Calcutta Gazette.

WEDNESDAY, MARCH 26, 1890.

## OFFICIAL PAPERS.

Non-Subscribers to the GAZZITE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

#### CONTENTS.

and the second second	Page.		Phys.
BAIFFALL, Weather, and State and Prospects of the Oropa Praces-current. (refeat) of Food-grains, Firewood and Sait in the Headquarter Station Bears of the districts of Bearst on the 15th March 1819.  Motorological Report of the Pravince of Bearst for the week ending Friday the First of March 1890.  Statement of Kainfalt in Heural for the week ending Friday the State of March 1890.  Results of the Barcmetrical and Thermometrical Observations taken at the Meteorological Office, Ohoo, Chowringhee, from 18th to 2nd March 1890.	786 786 788	Bratzment showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 8th March 1899	764 767 768 768
Alipore Observatory from 16th to 22nd March 1890	- 743	Workly Return of Traffic Receipts on Indian Railways	750

#### Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 22nd March 1890.

	No.	District and		Rainfall at Sudder Station in inches.	
RE	NGA	I.			
,		Western D	istricts.		
	1	Surdwas M Ranigunge	arch 22, '90	0-88 0-88	Weather—getting warmer. Prospects of crops continue favourable. Segarcans is being present, and wheat and barley harvested. Prices of common rice:—
					Burdwan 18
^					Culna 15 per rupee 19g
	2	Bankoora	., 23, '90	Nii	Weather—hot. Pressing of sugarcane still continues. Standing crops, such as cotton and khaste til, are doing well. Common rice salling at 21 sears per rupec at Sudder and 20 sears at Bushenpore.
Dive.	8	Birbhum Rampore Ha	., <b>23</b> , '90	Nil 0-33	Weather—hot. There are now no crops to report on except wheat, which is very well. Price of common rice from 18 to 20 seems per rupes.
SURBWAR I	4	Midnapur	., 23, '90	0.46	Weather—seasonable. Days hot. The rain has softened the ground for plenghing operations. Indigo doing well. Prices of common rice:—  8rs.
E S					Rudder 19
Э					Contai 19 Tamluk 16 Ghatal 18
	6	Hooghly Jehanabad	,, 22, '90	0:34 0:32	Weather—seasonable with clouds and southerly winds. Prospects of crops-good. Prices of common rice:—
					Budder 12)
		Hewrab Ulaberia	,, 22, 790	Nil 0:05	Serampore 16 per rupee.  Johannbad 17  Weather—days warrs, but nights cool. Prospects of crops good, but rain wanted.
		Central Dis	triota.		ATT AND DESCRIPTION OF THE PERSON OF THE PER
	6		arch 22, '90	Nü	Weather—dry and hat. Prospects good on the whole, but rain is wanted for the benefit of such crops as there are on the ground, especially boro rice in the Diamond Harbour subdivision. Lands are being prepared for one rice in
Dryn.	7	Nuddea Kuoshtea	., 23, 190	Wil 0 22	weather - cloudy. Harvesting of wheat, barley, gram, linered, measure, and sugarcane going on. Ploughing for early rice begun. Rain needed.
DEROF	. 8	Khoolaa	,, 58, '90	0-05	Weather—seasonable. Condition of boro and rubbi crops good, but some rain wanted.
Paul	9	Sectors	., 32, '90	Nii	Weather—hot and cloudy. Rain wanted for cultivation. Harvesting of rubbi crops nearly over. Outturn good in Jhanidah and Bongong, but below the average in Magura and Narail.
. !	10	Moorehedabad Kandi	,, 22, '90	Nii 0-85	Weather—getting hot. Harvesting of rubbi progressing favourably.
١.	11	Dinagopus	,, 33, '90	20163	No rain, but clouds floating about. Strong wind prevails. Weather rather hot. Ploughing for bkadoi going on. S wing of jute and planting of sugarcane cuttings commenced. Prices stationary.
	12	Rajshahye Nattore	,, 22, '90	N11 0.02	Weather—getting very hot every day. Rain much wanted. Tobacco is yielding only an 8-anna outturn all round. Rabbi crops giving a fair return, about
	19	Nowgong Rangpur	,, 23, '90	0.10	12 annae. Agricultural operations retarded for want of rain.  Storms of wind and rain on the 20th, but their incidence was partial. The rain of the 20th and 21st has done great good where it has fallen in sufficient quantity. Aus rice and jute sowings are progressing rapidly. More general
RAJORANTE DITE.	14	Bogra Nowkhilla	., 22, '90	0-81 1-64	rain is urgently wanted or a drought must occur.  Weather—seasonable. Sowing of ans and other early crops has commenced.  State of standing crops good. Kheeser, maser, and cheese being respect.
RTE	15	Pubna	,, 22, '90	048	Bugareane being cut. Common rice solling at 18 seers per rupes.  Local showers in many places. Cheene and know crops and ploughing operations benefited by the rain. Private appropriate high
RAJE	16	Darjeeling	,, 22, '90	0.08	ations benefited by the rain. Prices somewhat high.  Weather—getting daily warmer. Wheat and barley doing well. Prospects generally good.
	17	'ulpigores	, 22, °90	Nil	Weather—getting hot. High west wind prevailing. Land for bhades erope being prepared. Rain wanted. Winter crops being reaped; average outturn expected. No significant change in prices of food-grains.

8	lo.	District and return		ttainfall at sudder Station in inches.	Character of the weather and state and prospects of the crops.
BE	NGAI		_		
	1	Hastern Di	etriote.		
1	18	Docen M	arch 23, '90	2.53	Weather—warm during the day time. Heavy rain in the Sudder aubdivision.  Cutting of sugarcane and pulses nearly finished. Rain has done good to boro paddy and other standing crops. Sowing of jute and ans paddy going on. Podder is available. Common rice 18 to 16 seers per rupes.
Dacca Drvs.	19	Furreedpur	,, 23, '90	2-83	Wenther—seasonable. Rain was improved the condition of the standing crops.  Land is being sown with one and juve. Prices of common rice:—  Sea
DACCA		•	1		Sudder 14 Gowlundo 16 Madaripur 15
	20	Backergunge	,, 22, '90	0-83	Weather—hot and cloudy with occasional thunderstorms. Prospects of rubbi crops fair. Rice selling at 18 seems per rupes.
0	31	Mymonsingh	., 23, '90	8-16	Weather—seasonable, Heavy rain on the 17th and 19th. Rain of the 17th was accompanied by hall. Prospects of crops good. Rain has done much good to crops, and has facilitated cultivation. Common rice cells at 18 seems per
j	223	Chittagong	,, 22, '90	3-33	weather—seasonable. No agricultural operations going on at present. State of children fair. Common rice selling at 17 seers per rupes.
CHITTAGONG DAVE	98	Noskholly	., 23, '90	3-06	Weather—cloudy and rainy. Harvesting of rabbi crops nearly completed.  Preparation of soil for day progressing. Rain has done much good. Hail
1777	34	Tipporah	,, 22, '90	0-07	did some damage in Sundip.  Weather—hot and cloudy with high winds. Bore paddy thriving. Land being prepared for jute, one, and some.
<u>ت</u>	25	Chittagong Hill Tracts.	***	+86	Report not received.
D R	HAR.	Hill Tipperah	82, '90	3-27	Weather—hot and cloudy. Heavy downpour on 18th. Cultivation of lands going on for see paddy. James still being cut.
	26	Petes	,, 23, '90	Nil	Weather—hot. Harvesting of rubbi crops continues. Collection of opium almost flushed. Prospects favourable. Prices of food-grains almost stationary.
	27	Gya	,, 22, '90	0.15	Weather hot Harvesting of rubbi crops continues. Extraction of opium nearly finished. Prices of food-grains stationary.
	18	Nhubebad	., 23, <b>1</b> 90	Nil	Weather—occasionally cloudy. Winds variable in direction and intensity. Rubbi still being harvested. Transplanting of sugarcane going on. Opium harvest completed. Priors generally stationary, but falling in Sesseram.
PATRA DIVE	29	Durbhunga	,, 22, '90	Nii	Strong winds prevailing. Harvesting of rabbi continues. Paddy and mong being sown. Indigo germinating well. Prices almost stationary.
PAT	40	Masufferpur	,, 22, '90	Nil	Weather—warm and occasionally cloudy. Rubbi harvest continues. Indigo doing well. Opium outturn will probably be somewhat less than the average.  About 1 of the rice lands has been sown. Mung and cheens also being
	81	Barnn	,, 82. 190	Nil	weather—warm, overcast at times. Rubbi h receiting nearly completed. Wheat about a 16-anna crop. Sugarcane sowings probably more than normal, as prices are good. Poppy prospects not very good. Indigo prospects in-
1	82	('bumparus	,, 22, '90	Nil	different.  Weather—clear; getting hot; west wind blowing. Reaping of rubbi and collection of opium continue. Paddy and observe being sown. Price of common rice 18 seers per rupes at Mothart.
	38	Mongleys	,, 22. '90		Weather—getting hot; cloudy at times. A strong west wind with a light shower on the night of the Sist. Harvesting of rubbi in full progress; outturn good Prices stationary.
73.	84	Bhaguipur	,, 22 '90	30.53	Weather—seavonable, Easti being barvested. Rain wanted for preparing lands for blades.
BRAGGLEORE DITE.	35	Purnesh	,, 22, '90	Nil	Strong westerly wind. Harvesting of rubbi crops progressing satisfactorily.  Cultivation for bhades crops proceeding. Westerly winds doing same injury to young indige. A good mange crop expected.
BRAGO	96	Maldah	11 <b>22, '9</b> 0	0.01	Weather -getting very hot. Strong west wind; occasionally cloudy, but no rain.  Harvesting of rubbi crops continues. Rain much wanted for boro paddy.  State of mulberry not favourable. Common rice selling at an average of 178
	37	Southal Perghe Jamtera	. , 15, '90	0.02	Weather—seasonable. Rubbi harvest still continues. In Deoghur rain wanted for sugarcane. Mango crop promises well. Mobius in flower. Prices stationary.
		-			

2	No.	District and date of Sta		Rainfall at Sudder Station in inches.	Character of the weather and state and prespects of the crops.
	884.	Cattock	March 32,	90 1.31	Weather-mornings foggy, days warm. Tobacco being reaped; outturn estimated at 12 annas. Harvesting of mustard completed, the average outturn being estimated at 8 annas. Price of coarse sice has slightly resen during the week.
OBIOM DIVE	89	Ponree		***	Report not received.
	40	Balagure	,, 22,	90 0.06	Weather—seasonable. There are few crops on the ground. The cutture of sugarcane has been from 12 to 13 annes.
100.0		NAGPORE h. West Front   Hazaribagh	Narch 23.	'90 NII	Weather—seasonable. Crops doing well. Sugarcane being transplanted  Rahar being barvested. Exudation of opium not se good as was expected.
CHOTA NASPORE DIVE.	43	Lohardugga	., 22,	790 0-13	Weather—days getting warmer, but nights cool. Harvesting of rubbi crop- continues. Prospects of crops fair in Palamow. Fields for sugarcan plantations are being prepared overywhere. Mango fruit forming. Modu- being gathered.
CHOTA NA	48	Singbhoom	,, 22,	<b>'90</b> 0-11	Thunderstorms accompanied by slight rain. Weather getting warm. Mondanaged to some extent in Dhulbhoom perguanah; other crops favourable reported on.
	44	Manhhoom	., 23,	90 0-19	Weather—seasonable. Sugarcane still being pressed; probable outturn 16 anna Spring crops doing well. Prospects of modes and mango crops good. Coard rice selling at from 20 to 24 secre per rupes.
					λ.

Published for general information.

CALCUTTA; REVENUE DEPT., The 25th March, 1890. P. NOLAN, Secy. to the Govt. of Bengal. PRICES-OUBRENT (BETAIL) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTER STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 1672 MARCH 1890.

#### PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

-															i					Q	UA	NT	ITI:	MS PE	RRUP	FR II
-	•	-	M	HEAT			-	В	ANLEY			1	Rioi	t, 21	BT :	MIT		F	tten	, 00	201205	ow.			R OR Ci	
Numiter.	DISTRICTS.	Present return.		Next preceding roturn.	Corresponding return	of last year.		Promine reverse	Next proceding roturn.	Corresponding return	of last year.		Present return.	Next preceding	roturn.	Corresponding return	of last year.		Present return.	Naxt preceding	rn.	Corresponding return	of last year.	Present roture.	Noxt preceding return.	Corresponding return of last year.
	BENGAL.	-																								
	Vestern Districts.	н. (	Th.	s. Ch	, %.	Eth.	H.	t'h	st, th	4. (	Съ.	8	Ch	S.	Oh.	R.	Ch	s,	cth.	, N.	Ch.	8	(2h.	M. 1%	ris ch	n O
1	Burdwan	14	0	14 8	14	8						19	8	14	4	15	0	16	14	16	11	17	10		004	***
2	Bankoora	15	0	15 0	12	12	17	0	16 0	116	0	17	8	18	0	17	8	20	0	20	0	20	0			P(0)
ı	Beerbhoom	16	0	15 0	11	4		••				13	8	13	8	13	8	18	0	18	0	16	8		***	
ı	Midnapore	13	0	13 0	10	0				**		15	8	16	0	16	0	20	0	20	0	20	0	4 -		000
ı,	Hooghly	13	0	18 0	13	0			1	١.		8	0	8	0	10	0	16	0	14	0	13	0	,	1	
	Howmb		*	. 4 4			,			}		11	8	11	8	12	0	14	8	14	8	16	0			H0+
	Control Destricts.																									
	Calcutta .	13	6	18 10	11	0	18	2,	17 3	127	11	9	1	9	8	10	0	13	14	14	1	14	10	21 5	21 5	17
,	24 Pergunnaha	14	8	14 8	14	0	20	0	16 0	.16	0	8	0	8	0	8	0	16	0	16	0	16	8		***	
7	Nuddea	15.	0	15 6	10	0	17	12	17 12	22	13	12	12	12	51	18	61	14	9	14	9	16	4	**		***
3	Khoolna	ı										12	8	14	0	14	0	14	0	16	0	16	0			100
9	Jemore	12	12	12 11	2 1	3 0	i		ì	1		9	0	9	0	13	0	15	4	16	0	16	0			***
0	Moorsbedabad	16	0	16	1	0	1	v 8	1			12	0	13	0	14	0	16	0	17	0	17	0	-41		
1	Dinagepore	19	4	19	1	1 4	120	10		9	9	15	0	15	0	17	0	19	0	19	0	19	3			***
2	Pajshahyo	16	8	16 8	3 1/	5 0	26	4	28 4	37	8	13	8	13	8	18	8	16	12	15	0	15	0	!		
0	Rungpore	34	8	14 6	1	1 -6			-	-	100	1 9	6	0	7	,0	8	14	8	14	A	16	0	***		-
å	Bogra	12	- 3	Host 12 Com	11	8	-					12	0	12	0	18	8	18	0	18	0	19	8			-40
8,7	Putna	13		16 8	17	8				ì		6	12	6	14	8	0	14	4	16	14	18	0	1		
6	Darjooling	10	0	10 (	10	0	9	0	9 0	10	0	5	0	5	0	6	0	12	U	12	0	12	0			100
7	Julpigaree	18	0	14 6	10	0	16	U	16 0	16	U	8	61	8	Ú	8	U	15	0	115	0	17	8	}		
1	Bastern Districts.																			,					-	
3	Dacon	13	0	18 6	1	5 8	16	0	.16 1	16	U	14	0	13	0	16	0	18	0	34	0	17	0	***		1 000
	Furreedpore	12	(	12 0	10	0	16	Đ.	14 0	20	0	10	0	10	0	9	U	15	0	34	0	16	0			PRI
0	Backergunge			,	-	,				-		12	4	12	6	18	4	13	12	13	13	14	12	1		
1	Mymonaingh	11	8	11 8		0			-91			10	0	10	8	13	U j	13	0	1 4	0	18	0			
	}						1					1		1		1				1				1	b.	-

retail price of salt 9 seers per rupee.

- Cuina 10 seers, tutwe 10 seers, on ditanceguage 93 seers.

- Linear of salt 9 seers per rupee.

- Linear of salt per rupee are: - Contai 9 seers, Tumlook 8 seers, and Ghattal 10 seers.

- Linear of salt per rupee are: - Serampure 10 seers and Johnshall 10 seers.

- See 1 prices of salt per rupee are: Harmet 9 seers, Bastrhat 9 seers, Diamond Harbour (at Magrahat)

- Linear 9 seers, 2 chittacks, and Dum-Dum 10 seers.

- Constitute and salt per rupee are: - Kooshtea 10 seers, Meherpore 10 seers, Choosdanga 9 seers, and

D 100 901	20.00	A.98	AB.	TOI.	A FROM

	ia on Ci nigetum ideum.)		MARUA OR RAGE (Blousing Corposeus.)					
Present return.	Nort preceding re-	Corresponding re-	Present return.	Next preceding re-	Corresponding re-			

ro.	Util.	12.	UE.	ICI <sub>1</sub>	CE.	io.	Va.	CO.	UE	129
							1			

1					
	001		000	***	100
***	***	***	***	•••	104
***		2.5	-00	100	ter
141	***	0.00	000	<b>#</b> 00	100
	.4.	***	100	894	***
-			-	401	400

16 0	16 0			000	00.0
100	***	000	***		989
644 .		•••	+00	100	400
000	000	***	***	494	494
104		000	000	***	vari
100	+8+	***	484	***	100
	.,	***	601	000	-
100	209	***	***	004	144
	000	***	400	664	000
10+	100	901	000	edo.	**
	***	100		0.00	000
100	***	990	18 0	13 0	14 0

1 "	•••	800	100	800	600
-	***	901	504	500	-
*84	*804	500		600	040
161	10+		084	900	
-	-	L		_	

ITAL	NI OR R JAN MII erio tto	LET.	CHRC	M, CH. La, Ka Bunac r arist	DALAY
Present return.	Next preceding re-	Corresponding . re- turn of last year.	Present return.	Nort preceding re-	Corresponding re-

B. Ch.	8. Ch.	e. Cb.	8.	Ch	8	Ch.	8.	Ch.
0.0-0	1	+41	19	•	19	0	31	0
	***	040	37	8	17	8	34	3
000	449	000	18	0	18	0	11	12
	301	5.40	16	0	16	0 {	14	8
0.90	040		116	0	36	0	18	0
			17	8	16	8	16	0-

11 0	T1 0	90 9	16	12	16	12	15	13
6 12	6 8	16 0	20	0	18	13	16	0
200			21	51	20	0	24	10
			13	0	13	0	19	8
	o bu		36	0	16	0	15	0
***	981		23	0	23	0	16	0.
***		100	34	12	15	0	18	4
	-	801	21	12	19	8	:4	0
881	100	***	16	0	16	0	10	0
861	***		12	0	12	0	12	0
000	***	***	27	4	17	4	13	4
			10	0	10	0	11	0
801	094	202	18	0	18	0	11	

	100	***	138	0	138	.0	13	0
	100	***	18	0	11	0	16	0
***	000	100	16	0	16	0	12	13
104	***	101	14	0	14	8	12	0

# Head-quarter Station Bazars of the Districts of Bengal on the 15th March 1890.

	0	F 4	0	NI RS	JE.	BE		ER	P												-	erar steram	T										
				7.	1/1	BA							,	A L.T	S				).	1001	i R gra	F			THO PRA dies	AN	ADJ	C			ZE	MAI MAI	
DISTRICTS	of take your.	Corresponding return		Subus II.	£	North preseding			Present return			of last veer		g	Nort nearling	TIME TOTAL	Present and	or mos year.	Corresponding return	retara	Next preceding		Present motores	of last year.	Corresponding mine	ë.	Next permittee	Freshit return		Corresponding return of last year.	Securet.	Nert preceding	
BENGAL. Western District			1 10			***				Ma		(1)	102	131	154	6 24.	9	Th	4. 6	Zh t	156.	Ula:	. 196. (	Ġb.	jes.	Ch	ıB.	s Sho	N	3, ch	h.II	3, 41	23.
Burdwan.																A		9	*		100				19		1						/41
Bankoora.							1				1		1												1		Í		-				0
	i										Į					3	1			i						O.			19	,0 0		<i>ps7</i> .	
Beerbhoom.											+					7							001		00		12					.,.	
Midnapore.						h				•						D							160				13			٠			
Hooghly.	0	6	4	6	11	3 1	6				ĺ	(	1	0									120										4
Howrah.	0	11	8	6	12	3 1	0}-1	1	19	8	3 1	8	10	0	10	0	10	0	.00	4/3	100	0	100	0	13	4	13	4	13				.
Central <b>Districts</b>	1	9		,	n	3 10	1 .	p	9	0		E	[20]	-3	40		0	0 1	QQ.	01	100	col	100	8	14	29	117	7	117	5 10	) i1	A 14	2, 1
				1							1						2			1			190	8									
4-Pergunnahs.						1		0	9		-				10		F	0	10	0.1	10 .	0	100		18		19		18				
luddes.				G	0	1 (	4	€1	18	8 7	i	2	9	**	9		9 3		***		101			0	20	0	20	12	17	Ċ	1		-
Choolna.	0	0	4	0	4	i (	4	0	4	4		2	9	8	9		9 E	0	813	"	160		16										
senore.	f	0	4	0	0	4 1	4	0	0	4		2	9	4	9	2	9	0	60	1.3	16 -	6	160	0	22	0	15	0	16		-	٠	
foorsbedabad.	0	0	4	0	.2	3 1	83	0	12	8		0	10	12	10	2		1		- 1		- 1	200				19	()	18	+ 0-		4 ,	-
inagepore.	0	0	4	0	0	1	4	0	0	4		8	9	8	9	8	9	£	<b>5</b> υ	0	16 -	0	160	12	12	U	13	6	19				
ajahahye.	0	0	4	8	2	1 5	4	8	2	4		9	9	U	9	0	9	0	<b>6</b> tr	0 4	241-	0	240	9	24	0	20	å	20				٥.
ungpore.	0	4	4	0	8	} {	4	0	8	4		6	9	14	8	4	8 J	0	20	0 1	100	U	100	0	18	7	9	9	9	17			
ogra.	6 3	5	4	0	6		4	0	4	4		4	8	0	9	0	9	0	96	0	90	0	<b>B</b> ()					14				124	
ubna.	0 1	0	4	0	0	0	4	0	0	4	1	2	9	6	9	0	M	0 1	Ðυ	0 1	2 0.	0	2 11	4	23	10	20	0	20	***	ı		
arjeeling.	1			0	0	0	5	0	2i 0	5		0	8	0	8	0	B	01	2.)	01	120	0	120			6	8	8	6	8 0		16 6	0
ilpigoree.	0 3	2 (	4	0	B	3	4	0	2	4	1	0	9	0	P	0	0	0					1 20		0		12	0	18		1		
astern Districts.	1			1				1										1		1			2 80		U	t)	100			**		4.	*1
noca.	0 1	4	3 1	01	3	2	4	01	2	4	1.5	0	10	8 :	9	8 1	P	0	90	0.1	160	0	16.	0	10				9.4				
urreedpore.				0		4	6	U	2				9	О	9			П													-	111	
okergunge.						14	3	0								- 1	-						126							0 0	9	12 6	0
ymensingh.				1							1			0	U		R		00	0 1:	20	0,1	120	4	13	0	11	4	11	+61			
) meneralis.	1		16	0			-	U	D		1	8	9	0	9	0									* 0	0	14	0	1 \$				

In Thakurgnon sulvivision rotall price of salt 8 seem per ruped.

in subdivisions rotali prieus of salt per rupno are :- Nattere P seera and Newgong P seera.

At S raiguinge rotail prion of salt 9 score per super.

At Fatheentts in the Alipere subdivision retail price of sait 8 coers, Moonshoogunge 8] score, and Maraingunge 10 score

In subdivisions rotal prices of salt per rupes are :- Patankhali 9 seers, Paragrape 8 seers, and Bach 5 seers, and bach

# PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the Head-quarter

-		-						1						1	De				. Pa-10			Der		way.	wo.	.	JOWA	R OR CT	TOL
				A	THEA	7.		-		Ва	RLE	T.		-	ECI	OH,	***	P IBC	er.		,	Me	E, C	70 M	<b>E</b> 03		(Borg	hum Va	ilga
TARREST AND A STATE OF THE PARTY AND A STATE O	DISTRICTS		Present return.		Next preceding		Corresponding return		Present return.		Next preceding	reture	Corresponding return	Of last year.	Present return.		Next preceding	return.	Corresponding return	of inst year.	Present refure.		Next preceding	return.	Corresponding return	of last year.	Present retura.	Next preceding return.	Oorresponding return
las	tern Districts—C	on	clude 8 t	d. Jid.	8.	Ch.	8.	ներ	ч, с	71.5	8 1	7h	٧, (	7h - i	3. (	Ch	4, (	Ob.	B. (	Ch.	8. (	Ob.	8.	Ch.	8.	Ch	6. CL.	18. Oh.	.18.
	Chittagong		11	0	11	0	11	0	***		**		10		13	0	12	0	12	0	16	8	15	10	15	0		***	
3	Noakholly		441		00		<b>99</b> 1						**	-	15	0	14	0	14 Cha		16	0	16	0	15	0	64.0	***	
6	Tipperah		12	43	12	5	12	8							Gol 10		abb 10		las 16	th.	14	9	14	91	18	0	<b>9</b> -	ets .	
5	Chittagong His Tracts.								2.0				.,		11	7	11	7	11	68			18			10	***	191	
1	Hill Tipperah	es .	6	0	6		6	0					***	14	9	V		U	"	0	115	0	15	0	118	0	1994	-	
6	BEHAR.		<b>1</b> 6	8	R.	ed.	1	7	98	8	126	0	22	0	10	8	10	8	111	0	19	8	19	8	116	8	12 0	92 0	.25
	Larne		13	8	Whi 15	te.	18	0)	-		22		21	0	11	0	11	8	9	0	17		17	0	15	0		12 0	243
7	Gya .		16	0	15	0	15	0	20	4	30	V															804	100	
8	Shahabad .	**	14	0	15	0	16	Я	20	0	18	0	25	0	9	0	8	0	9	0	16	0	16	0	15	0	20 0	21 0	20
9	Durbhunga .	40	15	6	14	4	14	4	22	0	22	~0			11	0	11	0	10	0	18	8	10	11	14	4	000	100	
0	Mosufferpore		18	0	15	0	13	0			20	0		6-9	9	0	9	0	9	8	16	0	17	0	18	0	961	-00	
1	Sarun	10.4	15	8	18	0	16	0	20	0		0.	25	6	9	4	9	4	8	12	16	14 '	16	13	14	4	•••	800	
13	Chumperun	101	18	8	14	0	18	0	30	0	28	0	14	0	8	0	8	0	7	0	17	0	18	0	13	0			1
13	Monghy?	de	17	18	16	6	15	12	19	11	18	5	26	4	15		15 ld.	12	12	9	16	12		5	15	8	000	-	
14	Bhagulpere .	**	16	6	16	6	25	12	20	3	20	8	15	- 1	11	No.	111 w. 15		13		13	- 71	13		15	2	000		
5	Purnesh .		14	0	18	0	18	0		b s			11						15	0	19	0	18	0	16	0	***		
6	Maldah .		19	0	18	0	18			90	-		41	H	11	0	14	0	10	0	17	0	17	0	17	0	400	-	
7	Southal Pergha	. 1	18	0	18	6	111	4	۱			04	1	00	18	0	13	0	14	0	16	0	17	0	16	8	3	190	1
	ORIBBA.	1																											
8	Outtack	-	18	2	18	3	18	2	-		**		04	10	10	8	10	8	11	18	19	114	21	0	17	1	000	-00	1
	Poores		11	18	18	8	11	18	**		44	10			15	12	17	1	11	13	22	10	28	10	17	1	-	- m	
0	Balacore .		15 ORB	0	15	0	18	0	18	0	18	0	18	0	18	0	13	0	13	0	21	0	31	0	10	0	-64	-01	١,
	louth-West Front																												
	Hasaribagh .	4	(13	O www.	13	0	17	0	13	0	14	0	1 -	10	10	0	10	0	8	0	117	0	117	. 0	120	3 0		1 ***	1
3	Lohardugga		<b>[14</b>	0 1	Re 13	8	1 14	0)	24	0	15	0			16	0	15	0	18	05		0	dlin 117	12	1	0			
3	Blagbhoom .		10	6		12 0	10	. {	10	0	10	0	14	0	16	0	16	0	16	1	19	0	120	0	X		-	-	
14	Manbhoom :		14	8	18	Ť	14			01					13	0	14	0	15	0	20	0	20	0				004	1
				° Pı	1								-								-		1				100		

T At Founy Hat retail price of salt 5 seers per rupee.

The 25th March 1890.

V At Tajpore retail price of sait 11 sees per rupes.

In aubdivisions retail prices of ealt per rupee are :-- Hajipore 92 seem and Sitamarhi 10 seem

VII.	A OB C	typho-	MAT	IVA OR	Radi
-	(dowm.)		1 25000		
-	Next preceding re-	Corresponding re-	Present reture.	Next pheceding re-	Corresponding re-
Ch	S. Ch.	8. Cb.	S. Ch.	18. Ch	15. C1
204		000			***
	+00	***	***	100	-04
10		990	+01	***	
-		og e	0.04	***	-
		791	+++	487	0007
	14 0	200	+94	27 0	***
de	100	a##	***	***	-04
	***	0.04	# <b>0</b> 0	***	104
	***	***	96 7	26 7	19 12
		***	100	•••	
-	40 H	400	22 0	22 0	20 0
-	1	***	28 0	98 0	20 0
ŀ	***	864	000	495	*00
ŀ	***	***	***	***	***
ŀ			200	***	18 0
ŀ	1 Rev	000	***	***	***
ŀ	1	***	***	***	***
ì					
		***		100	999
		***	600	***	
ŀ	1	***		•••	190
			80 0	28 0	22 0
ŀ	***	***	0 0	84 0	27 8
	-	604	100	1.0	
			"		+06

ITALI (Soto	AN MII ria ita	LWT. Hou.)	(Cin	LA, RH L BUNA
	ż	1 8		1 2
Present return.	Next preceding turn.	Corresponding turn of last year	Present return.	Next preceding turn.
in on	0 AL	S. Oh.	0 06	10 OL
8, Ch.	, Ca,	VIII.	12 0	
	***	40.	12 0	12 0
			13 5	13 5
-81	145	101	*4*	·
***	101	41	12 0	12 0
22 0	93 0	15 8	23 8	25 0
15 0	15 0	12 8	20 0	20 6
***	66+	***	20 0	20 6
12 0	178	***	20 14	22 0
405	101	P 8 ×	20 0	
10 0	16 0	11 0	Now.	20 0
644		004	21 0	17 0
489		13 📗	26 4	27 18
490	\$01		W) 3	20 3
***	***	16 0	16 0	16 0
	801	200	18 0	16 0
864			17 0	17 0
				Kalai
900	1			ld 7 Kalau
-4+	104	***	15 12	15 12
1:			14 0	104 0
				1
+00	191	194	18 0	16 0
401	***		17 0	14 0
	441	***	10 0	10 9
004		ed	18 0	16 0
		Name and Address of the Owner, where		

#### Station Basars of the Districts of Bengul on the 15th March 1890 - (concluded).

The second secon	CE3 40	Pitte OF	NI	A É. UN	MA	11.1	THE	"		_	Sharm St.													-2-				_			-
			P.	ALT	84							ALT	S				000.	IEW	Fau		- 1	HUIL. Ka. Iomn.	In	JAN	CAR			AN.	MAL Mal		1
DISTRICTS.	of last year.	Correctionship	retura.	Next preceding			Prosent return.			Carresponding return		Next preceding return.		Present reture.	1000	of last vest	9.0	Next preceding		Present return.	Town of Assess on	Corresponding return	recura.	Next preceding		The state of the s	Corresponding return of last year.		Next proceding	TLANGUE LECTILE	
istricts—concluded.	A. F.	Bast.	p.	6 -	Ra	F	4. P	io	h. j S	O	. 8	Ci	. 18.	Ch	h. ph	. Cı	i.   3	, 11	i. (8,	. C	h. ts	ı. Oi	21-12	4, (	Ob [		, Ch	1-1-	8. 0	Ch	16.
Chittagong,	0 0	4 (	0	4	4	0	0 (	4	1	0	1	0	9		0 8	19	0 10	10	011	10	11	100		141		**	91		+0.		
Noakholly.	8 0	6 8	0	0	4	0	0 (	4 =	1	3 0	8	0	9	T	9	10-	-					8 0	0	8	0	8	**		***		
Tipperah.			0	4 0				6 1		-0			1		9			111	0.00	- # 1 DI #	1	9 0		8,	0	8	1)		+4		-
Chittagong Hill Fracta. Hill Tippersh.	1	6 6	0	6		1	8 4				1				1 8		1 32		0 89		9	B 0		8	.	8		j	+44		}
BRHAR.	j i																														
Patna.	2 0	8 15	0	14	3 1	0, 4	3 6	3 10	. 3	0	10	0	10	0	0 10	0	0 13	0 (	0,13	0	113	5 0	0 12	15	. 2		8	2	5 0	0	24
Зуй.	2 9	4 2	0	2	ê :		0	5	1	12	8	2	9	2	0 9	0: (	200	ا ز	16	)	10	9 0	0 1	11	0 2	21	744		p d 0		
linkabad.	0 8	4 0	0	5	3 1:	8	0	14	1 8	0	10	0	10	C	0/10	) (	0 166	0 (	0 16	0	16	4 0	0 1	(0)	0 2	21			***	0	
Durbhunga.	2 [	3 10	3	0	10	3	0	8	3	0	11	0	11	0	0 11	3 (	176	9 (	0 16	0	16	12	9 1	7	14 11	20	12	11	3 1	3	24
louniferpore.	0 3	3 12	0	0	. (	4	0	12	3	ò	10	0	10	O O	0 10	) (	0 160	0 (	b 16	0	10	n n	0 2	8	0 1	18	0	11	3 i	8	22
arun.	0 8	3 15	£ }	0		4	0	0	14	0	10	12	9	12	9	) 1	-18(	n .	116	0	10	1 4	8 2	9 :	4 1	21	8	2	2 0	8 5	000
homparur.	0 0	4 1	0,	2	2	4	0	0	4	90	9	8	9	X 0 6	0- 10	) (	60	0 (	160	0	116	2 0	2	7	8 1	17	0	18	4 8	0	25
longhyr.	0 3	4 0	0	0	(	4	0	2	4	8	9	15	9	7	עוט	7 (	147	7 .	0 . 43	7	14	1 0	5 2	8	1 1	28	12	.16	4 2	0 5	21
haguipore.	0 8	3 14	6	5	1.5	3	6	16	3	3	10	1	10	1	0 10	L	2 151	6 11	2 170	6 1	17	6 6	3 11	6	6 1	16	10	17	3 11	12 2	22
urneah.	P	4 5	0	7	2	4	,	7	4	4	9	0	9	Zo	9	) (	2 (	0 (	0 13	0	13	ő o	) I	6	0 1	16	0	10	294		
aldab.	0 14	4 0	0	1 (	1	4	0	14	3	8	9	0	9	8	9	) (	120	0 .	120	2	16	PD .					***	-	***		101
onthal Perghe.		4 3	0	0 (	0	4	0	0	6	0	9	0	9	0	9	£1	200	) (I	Sut	0 (	Ru	2 12	2	0 (	U  2	20	0	18	0	0 2	25
ORISSA. uttack.		3 3	0,	2 (	12	3	0	12	1 3	43	12	0	,11	0	0.11	0	1 60	g 1	0 · 34	u f	18	12	,11	4 7	6 ;1	18	1	1	401	4	. 944
	0, P		40					6			(			ก	1 2		80		0, 80			1 7	i			14			***		100
alasore,	0 B	4 0	0	( (	.4	3	0	14	3					les!	1 2				161	J I	.6	101		401		***			101		100
NAGPORE ***	OTA	CH																													
realier Agency mribagh.					6	6	0 4	4	4	0	8	0 1	8	0	8,	0 ;	84 .	(F)	13311	), 1	320	0	0 17	В	1 1	6 6	0 1	18	0	21	23. (
benings.	0 1-1			1										1									6	1.	rnai	8	1				
whicom.									i	8	8		8								1	16 (			- Like	.0 (	8	17	0		21
abhoom.			4	0	0		0	0		0	7		8	UP T								0				4 1	- 1		0		32

X At Bettish retail price of sait 10 score per rupes.
Y in such retail price of sait per rupes are: Beguserai 92 score and Jamui 9 score.
Z At Kishengunge retail price of sait 5 score per rupes.
In Khoordah subdivision retail price of sait 10; score per rupes.
Z2 At thusbrock retail price of sait 9 score per rupes.
Z3 At Govindpore retail price of sait 9 score per rupes.

Published for general information.

P. NOLAN, Secy. to the Goot. of Bengal.

# PRICES-UURRENT (wholesale) of Food-grains, Firewood, and Sale

						WE	LEA:	r.							BAR	LHT	۲.					Rici	, RE	er e	ORT						Ra	ca, c	DOM	MON		
N'AGEOR.	MARTE	l.		Present return.		•	Maxt preceding return.			Corresponding return	or that your.		Present return.			Next preceding return-		Corresponding return	of last year.		Present return.			Nost preceding return.		Corresponding return	of hat year.			Freedot recum.			Next preceding return.			of last year.
-			B	. 4	P.	R	. 4	P.	R.	۵.	2.	8	. a	P.	12	. 4	<b>y</b> .	R.	4. P	. 1	R. A	. P.	R	. 4.	P.	B,	Å.	2	R.	<b>A</b> +	9.	R.	Δ.	2.	R.	4.
	Calcusta	6 - 9	5	11	10	8	11	0	2	13	3	1	15	8	2	1	10	2	0 1	8	6 9	8	4	1	8	3	12	2	2	9	6	2	9	2	2	7
2	Bernjgung	<b>9</b>	1	4	0	2	6	0	2	4	0		vitro			204			90	1	1 6	0	8	12	0	8	8	0	2	10	0	2	12	0	8	6
	Ducca		1	0	0	8	0	0	2	8	0	8	7	0	2	7	0	1	8 (		18	0	3	0	0	2	8	0	2	10	0	2	13	0	2	å
	Norsingua	Ma		1.00			8-0-0						nga			440					8 0	0	8	0	0	2	6	0	8	13	0	2	12	0	2	4
	Chittagong		1	8	0	8	8	0	3	9	0		***						**		8 4	0	8	4	0	3	4	0	2	7	7	2	8	6	2	10
	Patna	498	{2	8	6	Rod. 2 Vhita		0		***		}1	10	6	1	9	0	1 1	2 (	0	19	6	8	12	0	3	8	0	1	15	0	2	0	0	2	8
	Balasere	400	2	15 8	0	2 2	8	0	3	0	0	,	0			0		8	0 (			0	8	0	0	8	4	0	1	11	0	1	12	0	1	18
	Pooree	994		400			sapa.			арс	İ		**			10-					****			101			000		1	11	0	1	12	0	2	8
	Cuttook	100		0	0		0	0	2	0	0							>			8 10		8	10	0	8	4	0	2	0	0	1	11	0	2	0

CALGUTTA,
The 25th March, 1890.

-		-		PER M	
	n on Co		BAJR.	destum down.)	sphoi-
Presents return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
H. A.P	RAT	R, A.P.	R.A.F.	R.A.P.	R.A.P.
1 10	01 10	8 2 1 5	2 4 0	2 4 0	2 11 0
***		997		***	
		ná c		40-	***
***		***		***	.0.
00+		560	***		0.14
1 12	01 12	19 0	***	2 13 0	•••
***		***	***		
•••		001	401		**
				***	443

OF 40 SEERS.

MANUTA OR RASU.

(Eleacine Corocona.)

RANGIN OR KARUH,

ITALIAN MILLET.

(Setarda italian.)

RANGIN OR COROCONA.)

REPART OF THE PROPERTY OF

7346

the undermentioned Marts of Bengal on the 15th March 1890.

KA	DAI	LAT	ANA Y OR	1 51	136/	IOLA IOA.		1	arta	KAI ()	-00 Kes	nn M	OR Lys.	M.	1.183	B.			C	A D	R OF	Jin	۸.					7	tns	WO	op.	,	4	-				8	ALT					
Present return.			Next preceding return.			Corresponding return of last year.			Present return.			Naxt preceding return.			Corresponding return			Present return.			Next preceding reture.			Corresponding return of last year.			Present return.			Nort preseding return.		Correctionding return	of last year.			Present return.			Next preceding return.		The state of the s	of last year.		MARTS.
L A.	P.	16	. 4.	P.	k		P.	R		P	FL.	. Δ.	P	R		p.	86	. 4	, P.	B	. A.	P	R	Δ.	P	R	<b>A</b>	-	B.	4.	7.	R.	٨.	-	IR	4.	T.	к	. 4	P	R	. A.	₩.	
2	3	2	2	8	2	4	0	1	14	11	1	16	6	2	5	0	2	1	1	2	1	2	,	2	10	0	6	6	0	5	6	0	6	0	8	9	8	3	10	2	8	9	6	Caloutta.
2	0	3	2	0	2	9	0		***			89.1			400			***			a 90						100			100				i	3	14	0	3	12	0	8	13	0	Serajgunge,
0	0	3	0	0	3	0	0					***			*05		2	12	O	2	12	0	2	8	0	0	6	0	0	4	0	0	5	0	4	2	0	4	2	0	8	14	0	Dagga.
12		8	0	0	8	0	0		***			***			100		3	0	0	8	2	0	8	3	0	0	8	0	0	8	0	0	8	0	3	12	0	3	8	0	3	12	0	Naraingunge
4	0	8	0	0	3	6	0		***			004			***			0.00			***			b		0	6	0	0	6	0	0	8	0	4	0	0	4	4	0	4	0	0	Chittagong.
10	6	1	8	6	1	9	0	1	10	8	1	9	0	1	11	6	1	***		1	9	0	1	9	0	0	6	0	0	5	0	0	5	0	8	18	9	8	16	0		12	6	Paine.
12	0	2	12	0	2	16	0		100						91			110			***			0.01		0	4	6	0	6	6	0	6	6	3	14	0	8	14	0	4	0	0	Balancen,
			101	-		obr			-0			***			101			101			981			-00			b & d		,	-6.0					3	8	0	8	6	0	8	6	0	Poores.
5	0	2	13	0	1	11	0					004			864		2	0	0	2	12	0	9	В	0	0		0	U	8	0	0	8	8	3	12	0	3	12	16	3	8	0	Cuttack.

Published for general information.

P. NOLAN,
Secon to the Goot. of Bengal.

# Meteorological Report of the Province of Beng

		71								ST	ATIU	N OHSI	BVA!	TION	5.			
1				Ata	PERMONU	is.	W1301	D.					Tune	HEATT	ma.			
	Distaic		Representativo	Mean barometric hright, 5 a.M. (	Mean retuced to pra-level.	Yanation from	theralling direc-	Mean wind ve-	Highest during	3	1	Lowest during used.	4		Men mesimum temperature.	Hean minimum temperature of week.	Mendaly tem-	Northwa from
		(	Poores	68.44F	29:443 29:540		gw 8,-wiy,	4331°0 835 0	86'7	17, 20 15, 18	Mar.	70'1 73'3	16th 15th	Mar.	86.1 86.1	76'3 77 D	n) g	 + 1
100	DOFOO		Fame Point	2 + 51M 29 BID	20'841	-1118	E W	870'W	86'0	15th	**	72.1	16th	81	80'6	75 8	95 3 86'a	+0
Ou	stionk	***	Outtack	201761	29 510	- '08A	South-	97'1	97'9	Sint	See See See See See See See See See See	70'8	lath	**	Pd*3	74 0	512	+1:
Bu	ninsoro		Balanore	29-704	20 824	111	South west-riy.	20515	92'4	16th,	Mar.	-		**				
q <sub>n</sub>	outh-West Wis	inspire)	Saugor leland	29 #17	29 843	-1091	ssw	480.0	87 7	lath,	Mar.	73.6	16th	**	86 4	77 tš	B 3	+0
1	idnspore	04 91	Midnapore	179°92	29:532	101	8	274'3	9713	1sth.	Mar.	70-8	isth	**	9613	72 0	65.2	+1
2.6-	Pergunnaha	)	Calcurta	29.502	2P 894	-106	8₩	16819	93.5	21nt		69:7	16th	94	90'9	73:8	150£ 1	+1
H	oughly		4 WEGSTER IN	20 004	1					0.000	į	65'4	16th		56.0	71.3	213 U	
	ardwan	141	Burdwas	291706	\$30 SOR	-:119	8 W	83°B	97*6	16th	**	00.7	181h		8318	691u	8843	+31
Ha	nkoore	*04 '1	Hankoora .	\$8.404	20'790	-1113	W	85.7	97'6	Elst	**							
Be	wrhheam		Ranosgunzo	39:424	29-534	-,003	Calm &	5579	98'1	18th		6514	18th	91	96.3	(ก.ก	83116	+ 8
1	ourshedshad	100 50	Berhampere.	29:749	20'617	103	Southerly	113.4	9711	15th	**	64 7	1dch	**	943	0.00	81 6	+1
1	eqq.	984 A3	Krishnagher.	29.774	20°541	-1164	South.	13976	97.0	19th	- 11	01°0	idth	pt	93.2	70 8	93'0	+3"
1	STOLO		Jemore	291793	29 127	-103	westerly.	6619	95:3	loth	**	60.2	1088	0.0	93'2	76 9	54.1	+3
Kt	boulten	. 9		291790	291331	-1001	SR & MSE	14718	87 1	16th	40	62.0	163.ls	0 4	813	70'4	77 6	+0
	ittangond	Macata	Chittagons lemngir	20 700				1	abserv	ations	not re	rested.		1				
	istagong Hill	Marce	Barrion!	39 RTS	201947	-1964	, 8	137.7	Do18	19th	84	74°6	1645	.,	8818	7215	60.4	+1
	okoratelo		Noakholly	291×82	20'876	1974	8	18072	8515	19th		GE-8	1/8h		87.9	71'v	25'4	+1
,	mkholly		Farrestpare,.	29 903	191844	'078	8	140:0	9815	191h	Br.	@419	inth		95 7	72 3	10.0	+1
	erred pos-		Inco	29 617	29 +40	°C00.5	8	177 3	9316	15th		69.2	174b		9015	7v 1	60 3	• 0
1	enmilish	100	Committee	29 H25	29 561	025	SW	360'-6	90'6	Elst		62.4	16th	10	87 5	71-1	7913	+1
	rmontingh	***	Mymenwingh	291762	291942	-1005	Bruth-	1657	d016	15th	* 4	62,17	10th.	Mar.	65.2	67.8	76 0	+1
	ogre.	ee	Burra	291708	30,8000	- 1007	easterly.	128 0	9418	1617	**	04.1	18th	"	901	68 8	19 4	+2
	ibna	***	Seculations .	29 773	25/021	-10t e	2	70.8	9314	tests	01	\$D.3	zeth	0.	80.13	65"11	77'6	+4
	ijehah7*	164	Hampora Hear	29 743	29" 614	- 663	BE	98 3	84.0	1 Hills	P 1	62 A	16th	**	02:3	67.6	801	+5
	dab	***	Mardal †	\$97.6	gwin17	090	1	Ber'á	9617	south.	inth	63 2	16th.	230124	8012	65'0	79.4	+3
Die	пакероге	100	Віпанероге	29 769	201923	- 106	NE	141 U	121	16th,	Mas.			Jaur.	() [ () () () () () () () () () () () () ()	65'5	78 6	+3
Su	agpore	see .	knagpore	19 722	20 8-0	471	2	28.c	BU II	10119	9 *	E 0 9	1.11811	**	8912		1	
Jul	ipisores		J. lpigor⇔ .	21-1230	29 854	1601	BANE.	201.3	8972	15, 10		98.A	leth,	Mar.	1,188	61 91	7 6/3/1	-3
	och Bener gooling Hill		The continue		-	1 1	9	Ŷ	67.10	151h	**	3916	loth		85 1	45'0	65'6	-1
Du	domes	, , , ;		291618	55/1095	- '585	North-	9113	91.7	Suth		5016	lish	**	9ur1	6316	763	1 40
No	orth Sharnip	nee 5	f'erneab .				ranterly.					ended.						1
100	ondiferpore	100-	Mornflerpute	941.010	29 815	*100	North	100.7		, fiet	Mar.	. ?		,	2970			
1	urbliangs	+ 0"	Durbhungs	29:564	29'817	- 040	casteris	167.7	9513	Zint	di di	8418	15:h.		8916	8017		
Ch	Hubbernu		Motiliari	291606	26.8*6	000	(Southerly	1:7%	93:3	Sinc	41	89 9	170 .	Mar.	81.0	6318	7616	+1
	itup.	+ 10*4	Chupes	29 4/0	20 624	-1.07	quarty.	102 0	98'4	10th	84	64'8	17th	**	93.4	671	Ring	+2
4 lbs	ababe d		i-us-r t-us-r t-reh	20 67U	20 827	7 100 a	Variatio b W	15: 6	\$45 6 \$10*6		£1 \$4	8017	1den 1den	9 e	the c	67 4	HO.9	-
65	7.00	+41	Gya .	29:436	29.623	'lo4	Variable	108 2	9810	1988		66.1	16th	- 11	94'3	6813		+1
Pa	atn 9		Hankspore	29 (27	10 615	-146	Variable	h8'&	100 0		**	@2*N	16th	9.9	93-3	4618		
	onth Khaguip	010	Blagsipere	19'680	Sh 796	199	Variable	7010	931%	Slat	9.0	01.2	10th	9 0	91'6	6611	7H 6	+
	onery othel Pergus	and a	Linoznita	:81007	29-814	- '00d	Bouth-	65'0	96'7	18th	11	68 9	10th	15	0470	6614	91:18	1
,	sarsbagh .	200	hearthagh	27 1003	207 834	-1101	Houth.	100613	9018	Stat	80	68.1	16th	10	60 '0	06.8	78 4	+
	hardupp	m }	Manubus	371696	29 623	1005	Wunter Ly.	12910	884	Elet	**	61 8	166 h	**	8817	65 1	18:9	+1
Ma	more dina	*** I F										di con	9,4.9				m 44.4	+1
ffatt	nghheom		inyonama	25/1061	20-626	-*1/83	Weskrly	10314	96118	Sint		6619	16th	**	95.7	en.	9,618	T

" Means of five days. I when not all days. I when not all days. The normal means of air presence on the period for the The Australia of the atmospherete expressed at percentage, actorised air being presented by 100. A clear sky is denoted by a and an orange of the ranked by 10, the are the conversed presence of the ranked by the thick of the control of the period of the ranked by the area of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the ranked by the state of the

for the week ending Friday, the 21st of March 1890.

-	4.	1							BERVATIO					-
	amount week.	40	()	TESE.				RAIL	PALL.					
	or we	acek station.	OF .		Sinc	e lat of mo	nth.	Sinc	o 15th May	1850,	number y days.	number days.	Representative	Distaicy.
01 6 A.M.	Average cloud at 5 A.M. for	Rainfall of observings	Mean for district.	Normal ne sn.	Mean for district.	Normal mean.	Variation.	Mean for district.	Kermal mean.	Variation.	Averate nu of rainy di	Normal m of rates da		
97 163	\$10 411	1:83	1'05	0"18	2:85	0°60	+2106	77'49	86'96	+ 20183	1'6	0.2	Poores Gepalpore	Poor
70	2.0	1.14	1'00	9'26	1183	0.83	+1'08	68.50	53:61	+14168	1:0	015	Cuttook	
85	0	0 21	0.00	0.38	2123	0.83	+1'30	82129	85120	-2'01	3.9	0.6	Balasore	Cuttack
0.6	214	0.08	0.09	0.10	1'88	0'71	+0161	59"105	64.16	-4'80	1.8	0.2	Banana Talan I	C. Houth West W.dnames
1	1.7		1						88.75					Court 14-Pergunushs
38	2.4	0130	0110	0130	1.08	1.81	-0.18	67-62	ne tu	-6.96	0.4	0.2	Midnapore	. Midnapore
85	\$:7	0.01	0108	0.88	0.20	1.00	-0.41	5 6160	83.81	+0'79	0.3	0.6	Calcutta	St-Pergunnehe
TE 1	17	0126	0.13	0.30	97(00	0166	-0 81	44'40	48:59	6.03	0.8	0.9	Burdwan	Burdwan
63	1 3	2711	Nii	0.32	0169	0.74	+0"18	\$0:02	88175	+3'07	0.0	916	Renko m	Bankoora
86	214	0133	017	0106	0'09	0'41	+0.38	53'15	\$3.01	+0114	9.8	0'4	Rancogungo	fleerblane
60	314	Nii	0.14	0.10	0-84	0.20	-0.12	51*46	87.84	-0-85	072	014	Berhampore	West Burdwan
77 !	3'7	Nal	0104	0187	0.91	1 00	-0.99	58 Qg	81'18	+ 0184	0.8	015	Maleton entre	Sudday
86	017	Nil	0.03	0161	0'81	1.27	-1106	6419G	65 60	-0.01	0 1	0.7	Lumana	} Jessore
- 1	37	2:04	2:17	0:45	2:35	1:33	+1'25	102 90	115.81	-12'94		0.0	-	h hoolns
63		5.04	2102	0 40	4129	171	+ 2'5%	OPTRO	84.30	-14'31	3.5	0.8	Damenia.	., Curtingong
6.8	5'0	0'11	0.34	0-47	0 80	1.23	-0'a3	76-91	79 30	-0148	1.0	0.8		Chittagone Hell France
62	1'4	1199	2100	6'72	2.24	2 30	·~015	93 13	140'53	-17 42	3.5	1'2	Non-laborate	Noakholle
19	4:3	\$128	1127	0153	1'30	1 78	-0.10	62.61	36167	+ 6194	3.0	1.0	Purruedpose .	Farrendnore
90	7'0	8.13	1/81	0.29	1.03	172	-0.00	77.02	62.93	+15730	3.8	1.0	Limmon	Dacos
\$61	9.0	0.06	1	1.11		30.0			72 54		1	1.0	(Same or (Buch	Fipperah
48	al	1.51	2'23	0.21	2'87	1 10	+171	91 15	69.36	+21 70	2 4	0.9	Mymonotogi.	Mymonsingh
10.	G:7	0.283	11100	0 18	0'71	0.91	+ 0130	06.23	88188	e 71263	0.8	0.4	Boges	Bogra
28	G11	8.03	1166	0.10	2'01	0.512	+1 05	57138	53 33	+ 2105	2.5	0 4	Hornjgunge	. Pubna
56	5:0	0.03	0.04	0.08	0109	0:44	-0.30	39:90	20184	-0°39	0.7	0.3	Stampere Beaute	
70 1	113 41	0101 Nil	0:01 Nil	0.10	0.11	0158	0.70	57.33	88'17 58'18	-0 15	00,	0.9	Maidab .	Muldan
75	016	0:06	0:05	6190	0.45	0.71	~0 W	95 89	74:07	+10.93	0.5	013	Disagepure .	
60					1		-0.14	1					Rungp re	Lulturturno
-	210	0.18	0,00	0:34	0.04	<b>0</b> 160		117-79	112 44	+ 5139	0.6	0.0	Julpigote	Coost Bener
3	1	7	6.01	0.24	0.01	0.00	-0.09	1313150	123:03	+ 10/67	0.8	0.5	Unricoling .	Darjeeling Hall Tracts
67	1:0	Nil	2011	0'06	0 00	0 80	-0'25	78100	28,18	+ 15'67	0.0	0.2	Purnosa	l'irneah North Bhaguipure
			Nil	0'47	0.02	0135	-0125	49,88	44 25	+ 4104	0.0	0:3	Moaufferpure	100 -
41	1'6	Nil	Nil	0:04	0106	0187	-6.51	62 17 j	45°d9	+070	O II	0.5	Durbhunga	1
\$9	80	Nil	NII	0103	0.19	0131	-0"7	G6 11	47.40	+16.0%	0 0	0.5	Motibari	Champaran
31	1'9	2011	NII	0.04	0:17	0.16	+0.01	40:80	43'59	-1 29	00	0 2	Chupra	Sarun
AT No AT	2.9 4.0 5.0	Nit 0 02 Nil	*610%	0 07	0.40	0:38	+0'02	60:40	4u-198	-0.37	0.8	2 0	Bohrae Huxer Arrah	Shahabad
BL	3.7	0115	0'07	0.01	0.59	0'29	0º04	37:00	42 55	-4100	0.5	0.3	Gya	Gfa
6)	311	0.03	6,01	0.08	0.13	0124	-0.13	43 60	41 97	4.1165	012	0.3	Bankipure	Patna
\$1	1'6	Nil	Nil	0100	0106	61.23	- 0 17	42 53	45'91	-1 39	0.0	0.7	Bunguipore {	South Bliaguipare
34	0.7	6.08	0.05	0.13	0'44	0 44		84'81'	81 70	+ 2133	<b>6</b> G	0'3	lloomas	Southal Pergunnaha
60	016	Nii	Nil	0.10	0.01	0.73	-0:12	45104	51'7N	-8114	B'1+	0.2	Hazaribagh	ifmanulumb.
8)	918	0.02	(0.11	0.17	1'69	0 40	+ 1100 ]	\$19.3 cum:	511 84	~ 4'51	10°\$	016	Rauch: {	Loburdugga
11	1		(0.14)	0.19	Lutul	0.09	4027	28.81	65 60	-1, g r	1%	0.2	, (	Managem

The variations are against whom the mean for the wook is less than the encrosponding normal moon, and positive whon greater, and amount represent the part of the say a worse, the wome an toning denoted by 10. Under the head Platent observations of rainfall the normal means the mount of the part of the numerical average of the rainfall return reserved in the district, i.e., from total rainfall at the authorisement.

Statement of Rainfall in Bengal for the week ending Friday (8 a m.), the 21st of March 1890.

					R	TIMBATI	do.			10	TAL		America		
Meteorological devision.	District.	Station.	Saturday, 19th March.	March. 19th	March. 17th	uenday, 18th March.	Wednesday, 19th March.	Thursday, 1981a March.	Friday, 21st March.	Number of	Rainfall of week.	Total raine fall since let of month.	Average total rain- full from lat of month.	Total rain- fall since 18th May 1889.	Average francist from the May se date.
	1	100	1	1 00	2	=				1	1-90	1.23	0.87	88.00	85 38
Q8106A	Pooree	Pooree Khurdah Banpur	0'67 1'93 0'53	0.23	- 121		101.00 101.00 001.00	990	*****	1	8'44 0'55 0'01	4 73 4 73 0'88	0.92 0.93 0.93	80193 711 25 77 28	57 71 An 65 53 11
		Fains Points  Gap  Satpara	0:00	0.01	*****	000	100 00-1	6 00 pas	***	8	enas	0:71		7	
	Cuttage	Pipti	0.18	0'73	1		[ ]		77.47.00	1 2	0.00	1'70	90°96	78-19	44.9
	Cattana	Hanki	0133 0195 0105	8-12		***	10100	40777	****	9	1,31 0,19	3.24 2.89 0.38	1:07	77 5A 72 43	81 1 80 1 84 5
		Kentrapara Jappore Pharmests	2004400	001-05	1 240 11	****	_	******	6,80	1	0.90	1'31	0.88	58 dB	86.5
	Balasore	Chandball	0.29		@1 0 n c		FF 64.4		0.33	1 2	61'85 8 25	6°57 2°55	0.86	90.42	8411
		Sorah Balasoro	1700	11000	020	1 1/63	100 100 11-11 1010	1	0.02	2 1	1.30	19:01	1'13 0'91 0'73	47:00 49:72	15 60 2 63 A
		Julianore Raripodah	104	104 14.	20174		0103	***	0:93	2	971	1123	0'84 D'85	80°18 87°58	851
BOTTH-WHOT BURGAL	Widnapero	Contai Sanger Island	1911	0.02	****	0.113	141.00	-		NII	0°02 0°03 N11	11 1617 U 1747	0 50	37 65 5 - 60	61.5 61.5
		Tumlock Midnapore Ghattal	****		** *	0.48	1 1	0.21	9110	Nil 1	No.73	1729	1 06	44 50 44 50 3 : 73	Ball to 84) 6
		Kubrahaly Garbetta	600151		}	0.48	1 + + + + + + + + + + + + + + + + + + +	1:16	0.53	2	1138	4177		\$1.0d	1
	ta-Pergunnahi	Diamond Har- bour Canning Town	441 (0)			0.09	,	0108		N 1 N 1 N 1 N 1	0'10 Nil	0°90 0 ±7 0°41	1'01	94.40 94.14	012
		Alipere Jail Barrackpere			to	1	00.00			116	No.	0 40 0 87	1 16	82 61 65 80	\$6 .5 55 95 53%
		Barnaot Buseerbat	940 HD				1			No No	No.	0,10	1 30	85 50 62 57	36148
	Howrah "	Howeah Mohuszuka		*****		***	-/-		0.09	Nil	N:1	0143	1 1 1 MS	85147	31 (4)
	Horghly	(Ocloberiah.)		1	100.00					Nil	Nil	0106	0 73	3d/10	62.11
	trockery	Heariely			400.00	P134	***	0.08		i	6,00	2:31	0 107	38/11 43 9±	5, 1
	Burdwan	Culna burdwan	***			A - 9.0 -	Code -	0.30		Nil Sil	Nil 0 38 Nil	6'59 6'78 0'51	0:93 0:48 0:43	43.49 48.60 48.63	44 6 45 13 69 13
		Cutwa	***		per:			0.18	771	1	0°15	1104	0.49	86 W1 84 23	80 - 9
	Rankoora	Bankoora								Sil	Nil Nil	0.04 7.12	1 11 0001	61 WD	33 47 (a) (4)
		Bishenpore Maliara	** :					0158	.1000 .1000 .100 de e	81	NI NI	0.23	0.85	66°H1 45 ms	82 44
		Indas Kotalpore	143171		*****			1.80	0011 0 198111	Nii 1	\$160 \$516 0164	2'd1 0'40 1'17	1	61 (1) 421 46 (1) 36	
		Gangajalghat:	******	440777	*****	, , , , , , , , , , , , , , , , , , , ,		0 40	0-14	All	uren pati	1 23 w 110		80 40 34 79	2
	Heerthwom	ish. Soory	11110	******				***		No.	1641 No.	63:0	0 81	89:65 67 Til	861 S
		Rampore Haus Ralpare	9106	001.0	**		0134			NII	0 33 A 11 No	0*60 0*60	6.17	5 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 st
	Na44ra	Murarei	201.914	******		1			***	Nii	Nil	0.92	0.94	80'68	0115
		Lisandanga		*** **				**	** **	AL AL	No.	05.0 07.0	0 78 0 03 1 13	45°18 80°11 83 44	82 to 82 to
		Kompites	8753			1	******	494444		Nil	n di	0°86	1.69	86.23	97 9
	Chooina	Bacirbal "			421. 11	0.00	1			Bul	NII NII	0.39	1 ol 1 35	55 4d 67107	87 3
		Nakapur					1		1:-	201		3\11 0'28	7	;	-
	Jessore	Narati Jessors		=		** **	2.444		0.353	Nil Nil	0123 Nil Nil	01:0 01:0	1:31	82°39 66 23 50 94	60 M 60 M 61 M
		Jhenidah Maguerah Heagong	-0.0			44.757	***	191	.,	Nil Nil	Nil	6.30	1 33	87 144 47 144	51 3
	Morrehedshed				1 100	- 10	*****	0.88		N 11	0'08 N 1	0.30	0.40	86188 de e8	27
		Laibagh				1 - 64			****	2011	Nii	0105	0°84 0°81 0°81	65:54	31 37 5
		Inigoia Juquage		******	500 550 mm			14.44		Sil	N.13	0.09	0.48		43
	1	Akhrigunj		4-2189		******	•••	101	40000	Bil	Nil	Nil	7	,	187
East RESeat	Mintenanne	Chittagong	4.4	1:03	0 38 0 38	0105	\$6107		007-74	3		2:12 2 (si)	1 31 1 36	70.95	gete
	1	Kutubdia	1'51	1:17	0.52	0.15				1 2	1:70	1.00 4.40	1 89	68 86 68 60	M.
	Bill Treate.	Rangamati	1-81	0 '0p	0.70	0150	201124	"	· · · · · · · · · · · · · · · · · · ·	2	2:40	2.02	1.98	01.19	20
	Hackergunge	Patuakhally		0:25	***		-	******		Ni	0:35	0:35	0.81	71.70	101
		Burrishi ere	, .,	0.88	0.32	-	101 AL		13010-	1 2	0.33	0:19 0:47	1193	74 (4)	165

## patement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 21st of March 1890 -countd.

					R	AIPPAL	L			To	TAL.				A
eoroiodical	District.	Station.	Sarurday, 18th March.	Surday, 18th March,	Monday, 17th	Tuesday, 18th March.	Wednesday, 19th March.	Thursday, 99th	Priday, 21st March.	Number of	Rainfall of week.	Total rain- fall since let of month.	Average total rain- fall from tat of mouth.	Total rain- full alone 18th May 1889.	Average reintall from late Blay to date,
REPOAT.		Gournuddi Bauphal	05/ -/ 000-04+	0.07	p4114p	*****	gares-	******	1.32	3	1:33	1-85		62'05 93 19	9 >
	Neakholly	Nonthally Penny Harishpore	0103	0188 0146	1:29	0-14	*****		*****	4 3	1'97 2'20	1 47 2 40	2:39	104153	11111
	Furredpore	Rampanj Madat pore	101000	8:30	******		*****	***	***	NII	Nil	No	•	8673	7
		Purrerdpare.,	0,00	001004	0.13	******	1.23	0.88	0.35	2 2	0.81 5.20 0.80	0°30 2°64 1 01	1 % 2 01 1 41	63°40 65°24 80°00	88 3 50 5
	Bacca	Munchin ngo Darra Naratumuné Mamekgune Joydebpore	0'04 0'12	0.18 0.77 0.44	0'62 8'14 9'76	0°08 6°08 6°04 8°87	67 - 180 67 - 180 67 - 180 17 1 - 191	0.03	0.08 0.28 0.61	8 4 5	0 145 0 146 0 146 0 147	1'41 2'57 1'05 1'09 0'71	8°po 1 7× 1 3d 0°53	70:32 78:02 5_16 70:74 60:26	73:3: 61:31 02:3: 61:4: 7
	Hill Tipperali Tipperah	Comilla	0 05	0.05	81010	8127	000111	*****	PRES.	1 2	3°27 0°07	3 78 0 29	2.75 2.45 2.14	48°16 63°86	65 3 78 6 77 3
		Hentmumherin Kamehandra- pora,	0.00	0.00	0.14	1'85		*****	0.0000	1	2'04 0'14	2-16 0'05	2'54	\$5*\$8 #1*47	Gi a
		Nasirkapar Daudkandi Kurba Laksham	0.02	0.10	0°03 2°50	2'80	******	1'45	0:60	8 il 9 1	810 311 011 2750	6 25 Nil 0 00 2:86	P P	38.64 43.73 63.10 28.33	? ? ?
	Mymonologh	Kinhornsuner Atin (Tangati: Nymetringh	0 31	*****	0.10	0-95	*****	1 43 1 28	0153	5	3.01	3'01 1 34	1'60 1 01 1'21	78'61 61'60	72:6: 57:6:
	- 1	Sates hora	0.03		******	0°57 0°29 0°81	****	1129 0177 139	1'88	3 3	2 16 1 98 4 24	2116 1109 424	119	100 11 87*09 130 71	76 2 3 65 3 3 76 3 4
		Subornakhaliy Durgapare Sherepare Town Downgany	******	******	WE # 1-00	0193	*** B1	0.94	1784	2	0 17 1 64 0 69 0 16	0°77 1 64 0 60 0 15	9	48'30   131'92 48'86 57'26	?
CORT D	Pubma	Pubna	0.10	100004	*****			0'41	0.03	3 2	0140 8 82	0.41 3.70	118	62.81 80.8 <i>f</i>	85'99
	Водта	Sherepore . Nowkhilla Bogra Pangubibi	10.00	*****	401-44 000437 45450		*****	1'54	1 1880	Nil 1 1 1	N+1 1:54 0:85 0:23	0:03 1:54 0:43 0:33	0.02 0.91 0.40 0.80	02°70 63°98 78°26	88197 85 56 61 81
	Hajohabyo	Brautonh .	0102	****	******	144		0.23	**************************************	Nil	Nil	Ni1 0:13	0.43	90,31	8-3-7 a 8-4-13
	1	Nattore Naupaon Laipuro Mando		899744 881485 889494			******	0.10		Nil Nil	N 11 0.10 1.05	0 10 0 03 Nil	U-48	85°97 67°97 50°78 45°27	36 2 a 82 ag
	dehlalf	Maldab Chanchal Gujai Stopanj	0.03		*****		******	70440 12440	#* *** ***	Nil Nil	0°01 Nil Nil	0°21 Nil Nil 0°36	0.48 0.53	50°50 28°90 29°79 52°11	82:70 87:00 1
	Dinagoporo	Mohadal-pore Churamon	444742	10771	000.0	******	0.00	*****	6.	Nil	o on Nil	0.18	0:14	83.81 83.81	87:21 63:25
		Raigunge Dinagnore	(81 - 41	-44	100.00	***	** ***		N	Nu	Nil Nil	No.	0 31 0 35	62-37 63-83 61-29	55 40 64 47 82 47
	Rungpore	Thahoorgaon Bnawaniguner	200	*****	202004		******		191	Nil	Nil Nil	Nil Nil	0.75	87.51	62195
		(Gyabanda) Rungero	0.03	101406	499***	107-9	10000	00000	0104	Nil	ord Nil	oros Nil	8.71 0.74	78'04 F1'6:	78:65 78:65
		Regimera (Nelphomore	500.00	*****	14174	-3. 4				2 2	Nil	Nil 1166	0.20	85149	86 22
	J sipsgoree	Julpinores			1710000	2 · 6 4	*****	0.12	1:30	Nil	1'45 Nit	N41	0.97	124.42	119 25
		Alipure Datas Pailacotta Drisganj Bluggappore	**************************************	*****	*****	**************************************		4 - 4 -	100 mm	Nil Nil Nil	Nil Nil Nil Nil	Nil Nil Nil	2	1 (1) (55 ) (125 23 ) (10 (14 ) (130 22 )	? ? ?
-	Cooch Behar.	(Nagrakatta). Dichusta Cocen Beine		211 44	******				0.19	Nil	0.03	0'03 0'13 Nil	0.42	98188 126 02	97 57 1197 47
7	Larjeeling	Matalibergo	000111	1	****	*****	10117	0.13	******	Nil	N:1 0:18 N:1	0°13 Nil Nil	0°84 1°85 1 08	13. 10 118 16 192 88	196170 112 85 105 09
	Mill.	Siturori Darpedius Kalimp ug	2774 s	******	0114 010	2010	00040- 571489			Nil 5 Nil	0'00 0'10	0'10 0'10 Nai	0.07	181.05	10 41 110 41
it benan	Purneah .	Kurneoug		*****	49 45	***	******			Nil	Nil	Nil Nil	0.33	170:23	71 %0
		Furnesh	*******	******	+(*);;; +++* 1 def.;;		421-		*****	Nil Nil	Nil Nil Nil	Nil Nil	0'24	78°75 03°52	64 62 62140 2
		Halarampore Manari Kaliayanj	111100 111100	*****	140.140	400.00 004		53-507	144 84	No.	211	Nil			
	North Bhagul-	Maddapoin Accomol Protobponj	101201	434	****		127741	*****	19741	Nil   Nil	Nil Nil	0.10 0.10 N (1	0.80	60°P5 87°36 68°16	80°37 46°83
	Durlihunga	Tajpore			*4*			*****	14141	Nil Nil	Nil	0:07	0.18	42'6) 50'37	43*80 46*54
		lindhutani	1 124 1 1241 241P81	*****	194000	,,,,		607 (1	*****	NII NII NII	Nil Nil Nil	0°13 0°13 0°15	6,30	65'61 7''09 56'68	43'83 ?
	Mosufferpore	ditamarii	4		181		-	***		Nil Nil	Nil Sil	0.04	0.24	68.29	4819h 43 27
		Monafi spore	4 1	800000	482712 482712	*** 1. ******* ******			404.091	Nil	Nil	0.80	0.83	22.80	42:73
		Makes Papel	***	954		dn	5+9 Q4 +4++7*			Nii Nii	NII	0110 0134	;	49:46	

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 21st of March 1890 -concident

					2	AINPAL	lia .			Tor	AL.				
Mateorelegical Division.	District.	Station.	Saturday, 18th March.	Sanday, 16th March.	Monday, 17th	Tuesday, 18th March.	Wednesday.	Thursday, 29th March.	Friday, Est	Number of rainj days.	Rampfall of useb.	Total rain- fall since lat of mouth,	Average total ram- full from last of month.	Total rain- fall amos lath May 1889.	Avec rain from Man dan
North Benan -concluded.	Chumparun	Motihari Bottish Bagaka Burhurwa	111	**************************************	Section 1	010 003 010 003	******		100 10 100 14	No.	NII NII NII NII	0'19 0'12 0 11 0'23	0.33	75°53 82 ::9 76 64 81 '93	
	Sarus	"nesn .	. 1.00	****		2011	1.0188		19010	No.	811	0°28 6°14 0°11	0:07 0:14 0:27	85:73 44:43 40:45	1
SOUTH BRHAR	Shahabad	Campran Buxar Debrae Bhabacah Sasseunn Arrah Mehanish	6-02			**************************************	48-14- 48-14- 49-48- 49-88- 41-48- 41-48-		0 05	No No No No	Nil 9703 841 Nil 9702 Nil	0 30 0/26 0/45 0 45 0 00 0 28	0°22 0°23 0 38 0 22 0 26	47.74 41.02 59.41 30.51 42.02	4
	(45 m	Aurungabed Gya Nowadah Jelmanbad Aruol Dendnagar Shorrghati Majauls PakriBarawan	044-04 0-7-04 0-7-04 0-8-0-	**************************************	47100 47100 10110 41100 4100 4	1	0.03	0.13	948 4   	No.	NII 0 13 0 04 507 NII NII NII NII	0.30 0.30 0.30 0.30 0.30 0.30 NH NH NH NH NH NH	6.31 U 25 0 4.1 U 20 1	85°03 80°72 33°77 85°40 26°40 29°50 17°04 31°90	
	Pates	Patna Dump re	0.48	******	*****				******	1	0108 N/I	0 07	0°83 0°17 0°27	\$1'59 41'59	
		Barrh Bickrom Hilas	4 44	(		# # # # # # # # # # # # # # # # # # #		000		NII NII NII	No.	0.20 0.20 0.10	<b>8</b> 125	56 m3 41 44 55 64	
	Monghyr	Begoosersi Moushyr Januai Geori Shellpura	# * * # * * * * # *	***		20 00 . 760 . 661 . 00- +2	04-797	1	******	NII NII NII I NII	NII NII NII NII	0.02 811 0.10 813	075 0'81 0'82 1	67171 61177 88134 88116 4333	
	South Bhagul- pore		1 00 000 1 00 000 1 0 00 2 00 3 00	*** **	A = 4   A =	######################################		004 - FF WG MAP	AR he seemed	NII NII NII NII NII	No No No No No	NA 016 NII NII	0.57	45 to 38 49 47 57 5	
	Southal Pergunabs.	Rejmenal	0.62	*** *** *** *** *** *** ***				0:05		Nil Nil Nil Nil	Nil Nil 0 05 0:02 Nil 0:03	0.07 0.70 0.33 0.33 0.43 0.43	0°85 0°37 0°38 0°38 0°31 0°00	80%7 416.74 73.53 57%-3 60%-3	Н
CRUTIA NAO-	Hamribogh	Pachamba (Gerédi) Bararibanh Semiagurah Mahudi Hii- Jibouwa Hiii- Barbi Chatra Aoroyisho Kamphar		•••	;	( 15000	enternal			NII NII NII NII NII NII NII	No.	0'34 0'43 0'74 8'40 0'67 1'05	0 03 0 40 1 01 0 70 0 72	49:31 36:33 45:40 32:123 47:09 49:03	н
	Loberduggs	Lohnrdugga Ranchi Palamow Sitti Balumat	***	 	***	*****	***	0'34	00 000 107 Fm 455 5	No.	Nil 0 34 Nil Nil Nil	0,40 0,04 3,63 1,48	0°23 0'98 0'52 1	46.73 80.25 80.12 36.20	
	Same incom	Garwah Chrebnam		-	****		242944		-	Nat But	Nil	0189 0168	11	4 6*21+ 21+ 65	-
	Sing Joseph	Chakradhar pore. Chatefile	-		777 dbg	201100	**************************************	011	***	1 1	0.11	2'12	2	60:63	
	Manbhoom	Paralia (a. mipure Exponentia		- -				0°19 0 us		Nil	0 19 0 19 0 19 0 19	8147 0196 0188 0141	0.05	57 97 66169 54 95 66132	_
		Barrabheom Jhalda			38°	perr.	170 - 168		0.30	Nil Nil Nil	0 30 Nil Nil	1189 019 0190	?	4,6192 3.1 htt 59 42	

Explanation. - Indicates that no man has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the are wasting, the corresponding spaces is the total rainfall solumnts are left blank.

CALCUTTA, the 25th Murch 1890.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 21st OF MARCH 1890.

The period of unsettled weather, which included the greater part of the preceding week, continued during the present one, the thunderstorms accompanied by showers being most frequent in the early part of the week in the southern districts. The disturbed conditions gradually passed eastwards, and while scattered storms with light rain occurred in most of the districts, frequent showers were reported from East Bengal only during the last few days. At first there was generally low pressure, which became intensified in North Bengal in the middle of the week, and though rather large changes were reported, defect continued with a

tendency to increase towards the and.

On the 15th, the first day of the week, there was a rather diffused low-pressure area overlying the greater part of Bengal, and deepening towards the foot of the hills. Strong winds, genorally southerly in direction, were blowing in the north-west corner of the Bay and at most of the inland stations, while temperature changes, as well as the distribution relative to the normal, were somewhat irregular. On the 16th the fall of pressure, which had been going on for some days, ceased and was followed by a general rice, very rapid in North Bengal but diminishing towards the couth, till in South Bengal it was only two or three-hundredths of an inch. The centro of the diffused low-pressure area was then near Bhagulpore, and the wind circulation tended towards that point, being southerly in the lower districts, east in North Bengal, and from south-west to north-west in Behar. The difference from normal pressure was very uniform, exceeding a tenth of an inch in South Bengal and along the west coast of the Bay, while it was very little less over the rest of the province. During these two days thunderstorms were numerous in Orissa and Eust Bengal, accompanied by heavy showers in the former, but as a rule giving only light falls in the latter. From the 16th rain almost entirely ceased in Orissa, there being only a few scattered showers in the Balasore district during the romainder of the week. On the 17th pressure again began to fall very rapidly in Ohutia Nagpur, Behar, and the northern half of South-West Bengal. The depression was more distinct, having its centre still near Bhagulpore with a similar wind circulation, except that the velocity, which had begun to fall off on the previous day, again increased. Temperature changed irregularly, falling up, but wind directions remained unchanged. Temperature changed irregularly, falling in North Bengal and Behar, and rising four to five degrees in East Bengal, where there were again light showers of rain. On the 20th there was a similar increase of pressure preceded by small

Pressure- Hus been subject to large and frequent changes, but has been considerably below the normal throughout the whole week. The largest defect was slightly over a tenth of an inch in South-West Bengul, and the lowest eight-hundredths of an inch in part of

South-West and East Bengal.

Temperature—Has been generally rising, and the means at the different stations are all in excess by amounts ranging up to four degrees. The excess in the means for North Beng 1 and South Bohar is over 2° and for the other districts over 1° excepting Orissa, where it is 0 6°. The highest observed during the week was 98.4° in South Behar, and the lowest 54.9° in North Behar.

The cotuel temperatures during the week, the range from day to night, and their variation from the normals, are seen in the following table, where the average maximum, minimum and mean temperatures at nine typical stations in different districts in the province are given together with their normal values:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 21st March 1890.

						Northeline in the erek and in 21st Exect.	Actual mean maximum tem- perature for the week ending gist March 1669.	Variation of actual mean from the acroust.	Normal mean minimum tem- peratura for the week ending 21st March.	Actual mean minimen tem- perature for the work circling that March tells.	sariation of actual mean from the normal.	Normal mean daily tempera- tine for the week children's March.	Actual man daily tempera- tor- for the week chaing slat March 1800.	Variation of actual mes a from the tive dail.
Cuttack County Do ca Bondways Poton Poton Poton Bondways Bondways Bondways	#84 - 2 - 24 - 151 1	400	- P - P - P - P - P - P - P - P - P - P	41	20 Q	9413 (8) 5 (9) 3 (9) 1 (9) 1 (9) 1 (9) 1 (9) 4 (8) 4 (8) 7	16316 FOTB 19175 19175 19175 1918 190 1 190 9 88 1	-2.7 +0.4 +0.5 +0.8 +0.8 +0.8 +0.9	75.7 70.9 60.3 00.3 00.6 00.0 00.0 04.4 43.3	25'1 73'2 70'1 71'1 60'5 69'3 62'3 66'1 66'1	+2.4 +2.5 +2.5 +2.5 +2.5 +2.5	865 19 8076 7077 8177 71 6 8612 7513 7619 5018	84°4 84°1 84°3 84°3 70°9 81°3 70°8 48°8	- 0% +1% +0% +1% +2% +1% +0% +1%

Rainfall.—As stated above, almost all the rain that has fallen during the week has been in Orissa and East Bengal: in the former during the first two days, but continuing in the latter till the end, the only day when frequent showers were not received there being Wednesday. The days when showers were most numerous in East Bengal were Tuesday and Thursday, but the falls were generally under bulf an inch, though some reported more than an inch and-a-half. The averages for Orissa, East Bengal, and North Bengal are above the normal, East Bengal having received 1.6 inches, nearly three times the normal amount for the week, Orissa 0.95 inch, and North Bengal 0.27 inch. In the other districts the falls have been very searty, under a tenth of an inch in all, while in North Behar no rain whatever has fallen. ever has fallen.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 21st of March 1890 :-

			THEF	BRATT	720					1	LALBEA	LRdy-				-0
	1	1 6	Avera	gos for	wask.	above or		Of was	ok.	12.	niny de	Lyn.	Sine of m			18th
Methogological Devintors.	Highest observed during	Lowest observed during	Of bighest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week below normal mean of	Average.	Normal average.	Variations	Average number in	Normal average num- ber in wrek.	Variation.	Average.	Wormel average.	Ayorago.	Horsel average.
Oruna	97-9	70 2	8616	73'8	88*1	+0%	0.36	0'28	+0107	1%	016	+00	2116	0.74	44:31	46 11
South-West Bongal	98 1	00 B	887	71.9	8818	+1%	0107	0196	-0.15	818	916	-0.8	0.87	0.00	50 30	83-19
Boot Bongal	8810	61.50	0010	7010	7818	+110	1160	0.83	+2748	2.7	0'9	+110	170	170	79 80	77:01
North Bengal	947	6619	9015	6516	78 1	+918	0197	017	+0.10	97	0.5	+412	0.81	0'87	73:05	71 07
North Behar	00'3	8419	9014	627	76'3	+11	Nil	9105	-0106	010	0.3	-0'3	0.10	9 23	\$0.00	1 60 184
iouth Bohor	90'4	69"7	9014	67'3	89'3	1 27	900	0-04	-0.00	016	0.8	+0"1	0*90	0124	66'66	44108
Ibutia Nagpar	36.8*	61 8*	80181	06 1"	77 70	+1%*	0:05	0.16	-0*11	813	0.4	-01	1103	0'72	41-10	80'96

METEOROLOGICAL OFFICE, BENGAL;

C. Latter,

The 25th March 1890. For Meteorological Reporter to the Goot. of Bengal,

Results of the Barometrical and Thermometrical Observations taken at the Meteoro logical Office, Chowringhee, from 16th to 22nd March 1890

\* Chyubaeen not included,

	i	o a.m.			Tame	BRATURE			1	HTOROMET	ns.	. 8
Morra.	Date	Presente at 10 corrected and recto 52" Fahr.	bally mean.	Maximum.	Ranges	Misionum.	Dry bulb at 10	Wet bulb at 10	Vapour tension at 10 a.m.	Dow point at	Camidity at 10	Rainfall past 24 bonre
	•	Inoben.					•	•	Inches.		7	Inohe
far. 1890	17ch 18ch 19ch 29ch	29 806 7794 837 874 346 817 798	80 9 82 3 83 2 81 9 84 7 86 8 85 9	91 6 90 5 93 5 90 0 94 6 96 2 96 0	21-2 16-5 20-7 16-2 19-7 18-9 90-2	70-8 74-0 72-8 73-8 74-8 77-3 75-8	84 1 85 6 86 0 84 9 84 9 87 6 87 1	78 0 78 6 72-4 77-6 78 6 80-7 77 0	747 1981 1614 1849 1872 1956 1793	70 5 76 4 64 8 74 3 76 1 77 9 72 8	64 72 49 72 70 78 63	NA 
	The mean	п 10 а.м	press	nre of	the seve	m dayı			404	• • •	Inohea. 29-825	
	The mean The extra The max	eme vari	ation o	f temp			***		**** *****	400	89.7 25.9 96.2	
	The mean	10 л.м	relati	ve hun	nidity a	f the s	oven de	ys	***		66	
	The total								and min	imanon t	Inches Nul smporatu	ned

For Meleorological Reporter to the Goet, of Indis.

MSTEOROLOGICAL OFFICE, INDIA; The 24th March 1890.

#### Results of the Meteorological Observations taken at the Alipore Observatory from 16th to 22nd March 1890.

1			2	and and	1	'ampan	ATURE.		E	i verou	EFRT.		Wind.		1	
Month.	Date	Maximum in sun.	Number of hours bright sunshine.	Mean presents bare at 32° Fair.	Mean.	Maximum	Range	Minimum.	Mean wet built.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.	Rain	Weather.
1890.		0		Inches.	0	0	0	0	0	Inobes	0	%			Inches	-
Marob	16th	144 9	9-6	29 755	80-6	90-1	20 4	69-7	72 6	0.699	68-6	68	88W and variable	89	Nil	Clear
	17th	146-8	8.8	729	81.9	89-3	16-1	78-2	77 2	-876	76.2	81	88W and 8	244		Partially cloudy.
	18th	145 8	9-3	769	<b>82</b> 1	92.7	19-5	78 2	72 4	-667	67 2	61	BW and SSW	122		Clear.
	19th	146 5	8-6	615	820	1.69	16-0	78-1	763	-833	78-7	77	86W and S	200	0-0 s	Partially cloudy
60	27th	146 8	9-0	-771	83 2	93 5	18 8	74 7	77-0	*846	74-2	75	86W and SW	179	0-01	Partially cloudy, o, d.
**	21st	148-8	10-0	752	84.7	96 5	20.4	75-1	78-3	-684	75-6	76	88W and WSW	103	Nil	Chiefly clear
12	, 22nd	146 5	10-8	790	84.0	94 6	19 5	75-0	76-8	826	73 5	71	SSW and SW	115	- 11	Cleat, a,

					Inches.	
-	The mean pressure of the seven days				29.759	
-	The average pressure of the corresponding period for	24 years, 8	8(7.'s O)	Hoe	29.817	
					Hours.	
			+ 9 0		65.1	
	The maximum possible number of hours of sunshine			***	84.3	
					0	
	The mean temperature of the seven days		* * 0	1 4 4	85.6	
	The average temperature of the corresponding period	for 24 ye	ars, 8G.	a Office	81.5	
	The extreme variation of temperature			• • •	25.8	
	The maximum temperature	s 0 0			95 5	
					Miles.	
	The highest velocity of the wind in one hour			***	16	
	william to be a control of the contr				lba.	
ī,	The highest pressure of wind on one square foot		+ 8 0	Approxin		
					%	
		***	+ + 4		73	
	The average relative humidity of the corresponding	period for	24 years,	SG.'s		
	Office	o 0 B	900	9.0 +	64	
					Inches.	
	The total fall of rain from 16th to 22nd March 1890		***		0.01	7
	The average fall of the corresponding period for 24 years	ears, 8G.	's Office		0.26	
	The total fall from 1st January to 22nd March 1890				1.10	
	The average fall of the corresponding period for 24 y				2.57	
16	mean pressure, temperature, do., are deduced from t	the traces	of the B	rograph a	nd Thermo	granl

and from observations made at 6h, 10h, 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are varified, and the readings have been corrected to a standard constructed and verified at the construction of the construc Rew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

A dew, o overcast, d drizeling rain, t thunder, < lightning, = fog.

C. LITTLE,

For Meteorological Reporter to the Goot, of India.

METROROLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 21th March 1890.

#### MEMORANDUM.

The returns of vital statistics received from the principal Municipalities in Bengal during the week ending 8th March 1890, disclose the following results:—

1. That the birth-rate in these Municipalities amounted to 19 per 1,000 of population, against 18-5 per 1,000 during the preceding week ending 1st March, and the death-rate to 20-2, against very nearly the same ratio, viz., 20-1 per 1,000.

2. That the following Municipalities furnished the highest proportions of births and death-rate.

tacwess.		Births.			Deal	As.		
				Hatin per maile.				Ratio per mille.
Couillah	0.04	1.04	10.7	46.8	Poori	***	0.00	9616
Turbhanga	* > 4	4 0 0		<b>37</b> 8	Utterpara		100	66 1
Narainganj		***	6.0.1	37 8	Narainganj	* 4	9 - 4	DHG.
Monghyr	1.04	* # *	+4.1	83.4	Comillah	0.00	4 + +	67 8
Hughli and	Chinaurah	100	0 4 4	31.2	Ranaghat	0 = 0		355
				i	Rampore Beauleah		100.0	34.5
					Berampore			3314
				1	Hughli and Chinsura	h		328

3. That the mortality from the registered death-causes does not exhibit any noticeable differences in comparison with the death-rates from the same diseases during the preceding week, ride figures given below: -

					Rat	to per mille duct	ng the weeks anding-
					oth	March 1890.	int March 1800,
Cholera	199		906	0.01	***	3.2	2.9
Small-pox	4.4.0	- + 4		***	***	-8	1.0
Fever	4 = 8	D D G				7.4	7.4
Bowel-comple	aints		***	4 4 0		3.4	2.5
Injury						-6	6
Other causes		> 9 4	***		***	69	5.7

4. 'That cholera and the maladies classed under the head of "Other causes" proved conspicuously fatal in the following Municipalities:—

al alan	
Choler	w.

#### Other causes.

			Ratio per					ntro per mille
Utterpara Poori Narainganj Comiliah Monghyr Gya Howrah	100	 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47·2 46·1 37·4 30·8 6·3 4·8 4·0	Ranaghat Countinh Hughli and Scrampore	Chinsurah	0 + 4 0 + 4 0 + 0		28:9 18:4 19:1 11:8

Of the other diseases, small-pox and bowel-complaints prevailed most virulently in the town of Poori, and carried off 16.8 and 10.5 per 1.000 of population, respectively, while fever caused great loss of life in Rampore Beauleah, the mortality amounting to 26.3 per 1,000.

That the mortality according to Sex, Class and Age stood as follows :-

According to Sex.

According to Class.

According to Age.

	Ratio per melle.		Ratio per mille.			1	linter por melle,
Males Females Ratio of male deaths to every 100 female deaths, calculated on the pro- portion such mortality twars to the total male and female population	\$2-1 1H-2	( hristians Hindus Mahomedans		Under 1 year 1 and under 5		***	131-7 26-7 8-9 6-6 10-9 14-0 17-8 12-0 28-6
			1 1	O years and	upwarda -		2.89

W. H. GREGO, Dip. Publ. Mealth, Camb.,

The 25th Morch 1890.

Sanitary Commissioner for Beng-1.

		gas 3		2		-			•		_														2					
															**************************************	MEITT		According to	10 TO											
						Olass.															Age.				1.					
DISTRICTS.	NAMES OF MUNICIPALI.		DEATH: ABOUT	IS A MIC	-		Estilo B	PERI.	RATIO PER 1,000 OF POPULA- TION PER ANNUM.	Ports.	<u>.</u>				Dagres.	1							RATIO P	PBR 1,000	0	Porutation	A SEC	AFBUR.		
		Ohriotlans.	-aerhadil	.anchomodali.	Beddhiste.	Other chance.	Christians.	.anbaik	onshowedalk	Soddbinte,	Other cheese.	. Plant drahan ban (	of sebsts has 4	years.	og roben bes 41 years.	ot vohen hen ot .	00 tahun bina ug Jetaoy	ot sold under to years.	so mader os years.	-da has end up-	Upder 1 year.	Jean anders years.	of under head being to	of sohin has of	15 and under 50 years.	30 and undor 30 years.	So and under 60 years,	on reduce no years.	.ena os .ena os .enaey	-qu has svavy 00
Bardwan	Burdens	:	2	100	;	Ĭ	i			:	2	-	=======================================	prd .	:	60	•	**	e4	•	\$5 50	R	ŧ	8	i	10.7	2	128	5. 2.	1 8
20	Midnapore	1	=======================================		*	1 0	i			:		01	1	_	8312	-	100	-	:	163	340.0	部	*	2	*	4.1	ā	16.0	:	=
Harbii	Bughii and Chin-	:	2	-	:	1	1	-	2	1	000	•	•	-	00	*	:	;	-	•	8.52	202.7		:	91.19	10°	:	*	Ä	10
Bornapore	derangere	1	23 1	94	:	i	:		110-3		*		00		1		99	pell	prof	00	27.95	9.43	41.4	Ŧ	•	7	87.8	13.4	2	113
	C Utterpara	1 *	- 5	. 9	7	i	: 3	3 8	I S	I	1		1 0	}		P4 (F	- 0	- 0	1 "	4	: ;	180.0	:	3	118.8	\$0.0	5	76.2	Ŧ	8
Hours	Ball	1	21		1 1	; ;			1 2	: :	ş :	- 00		!	:	-		•	0	<b>a</b> en	idan.	7° 2	23		34.2	2	P. R	=	22	8 1
	Kishnaghur	1	10	•	i	:	Ī	16.7				grit		-	-	eri .	prit	-	~	es	104.8	1	1.91	;	: 3	: 13	: 5	1 6	: 100	= 13
Wodden	Ramaghat	:	*	64	:	1	1	7.	16-3	***	1	01	-	-	:	-	1	***	649	=	9.000	1	*	ł	1	38.0	i	9.10	# F	ä
	d Santipore	:	69	1	Ī	į	;			:	0.00	90	-	i	ŧ	1	2	i	1	Ī	122.1	i	£		:	Ī	į	*	1	=
Jessons	-	1	41	64	\$	ŧ	ŧ		82 E	-	9 .			:	:	-	-	-	pall .	i	0.00	0 0	:	1	0	*	2 38	2	200	:
p	-	1	•		i	•	1	P		:	;	ž m		-	:	9 9 9	•	:	00	0	17	I	2	ŧ	i	:	67.7	:	11117	ă
	Dagos	1 :		-	: :	1 1	: 1	- FE	: :	1	:	, 60				. •	-	3 99	1 00	: **	: 8	1 00	: 1	1 1	1474	12.0	: 5	1 2	: 8	1 8
Dacon	Naraingas	1	•	2	1	3	ŧ	2	2.78		1	11	- 01	i	1	-	•	44	<b>p</b> 1	pt	17.000	87.78	1	:	1	10.0	200	87.3	1880	1 8
Chistageng	Chilthgrag	1	pd	94	1	1	:	2	20	1		:	-	ŧ	1	i	-	1	99	:	:	:	*	* * * * * * * * * * * * * * * * * * * *	•	1	202	1	8	i
Tippersh	-	1	•	21	į	:	:	E .	9.9.6	1	-	91 /		010 (	-	98	:	-	61	-	£ :	78.8	=======================================	21.2	10 H	25	:	ä	THE STATE OF	2
Taller	-	;	3 8	3 '	1	ŝ	2		0 4.0	2	1	0 10	09 4		ŧ	• •	- 1	7 4		0 0			00 j	7	:	2 :	E }	0 3	=	2
Sahahad		1			1	ŧ	1	181	Z,	1	1					10		•		-	-	11.7		A	1 5					9 :
Morafler pare	-	1 1	, 10		! 1	f i	1		100	1		01	1		-	00	:	90		00	100	112	1	: %	1	191	1 1		1 1	: 4
Durbhanga	Durbhags	1	12	•	1	i	į	10.2	11.8				1	p-0	-		**	00)	PR.	**	1824	25.25	1	2	28.2	100	2	2	11.7	3
Seres	Chupes	1	•	1	9	1	-	E				-	-	:	i	i	ī	1	:	01	12	3	1	ŧ	1	-3	ī	ŧ	ŧ	*
Shapulpor	Shagelporn	1	•	61	i	i	1	211	0 6		1	60	:	1	*	00	00	1	-	69	1,68	E	102	1.	:	E	1173	1	E	\$
Moschyr	Monghyr	i	2	-		-	1		0.00	1	:		-	1	64	**	60	444	1	•	172-1	9.4	7.6	. :	12.0	11.11	13.1	*	i	-
Person	Permeth	1	~	<b>60</b>	1	ŧ	:		£	-	-	-	:	:	ad	ł		PF	i	ì	3007	i	:	1	173	i	29.2	2	1	1
Foor!	Poori	- 1	8	1	9	1	-				-	<b>01</b>	-	i	-	-	2	•	10		363.1	\$112	9.98	-	8	78.7	1187	20	110:0	=
	TOPAL	42	8	11.8	-	1	16.0	70.07	19.8		1	70	1 .	00	1 100	1	1	Ī			10000	0.00	100	4.9	440				1	85.58

# PUBLIC WORKS DEPARTMENT, BENGAL.

# IRRIGATION BRANCH.

nent showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagiruthes, Jellinghee, and Brahmapootra for the month of December 1889.

l di				Hetgitt over mean son-level.	######################################	********
RIVER BRABKAPOTRA	Gowhatty			Height Gree		000000000000000000000000000000000000000
	15			Reight over mean	24111111111111111111111111111111111111	3535838 3535838
Baves	Berepgunge			Height of		22222
SAR CYMINE.	npore.			Height over men		######################################
BEASECTER	Berhampore			Height cver Serp.	arasara sarra asarra anna	#88888 ********
	4	130	From Rempore	Reight over mon me-level.	######################################	221212
	Ossimado	100	seraned mort	Height over sero.	272222222222222222222222222222222222222	23722573
	Beenlash.	96	-dvdaß movV energ	Height over mean	######################################	288888
	Pompos	1.09	From Bonures	Height over sero.	100000000000000000000000000000000000000	252222
	100	70	Trom Monghyr	Height over man	27-27-27-27-27-27-27-27-27-27-27-27-27-2	8629468
	Sabobgrage.	100	From Benarios	Beight over zero.	11 12 12 12 12 12 12 12 12 12 12 12 12 1	772533
	englyr.	110	From Dinapus	Height over mean sea-lavel.	104-10 10	953 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
SAFOR.	Mong	200	From Benefits	Height ver serv.	255555555555555555555555555555555555555	8228248
River	pute.	<b>48</b>	sarad most	Height over mean	######################################	2000000
	Dinapur.	441	Prom Benkus	Height res saro.	######################################	810 810 810 810 810 810 810
	si			Height over ibesp posierel.	173.54 17	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Berne	36	ortanti morfi	Height over zero.	44444444444444444444444444444444444444	6333333
	4	89	-milk mort	Height over mean	200 00 00 00 00 00 00 00 00 00 00 00 00	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
	Bearing	•ci	-della mord	Height over name.	4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	9425583 9425583
	. de.		pag	Height, over mean	22+2412000000000000000000000000000000000	41000000000000000000000000000000000000
	Mirmpor	90	-adalia mora	Height over noro.	######################################	endenden en
		Millon.	Distance.			1:111
1			DAYE.			
			<b>D</b>		***************************************	National States

G. A. G. SHAWE, Under-Secretary to the Gook, of Bengal.

CALCUTIA,
The 25th March 1890.

### CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 22nd March 1890, as compared with the corresponding week of the previous year.

				Wank P:	SDING SATURI ND MARCH 186	DAY, THE	WREE EX	DING RATURE ED MARCH 18	AT, THE
N	ATURN OF	CARGO		Number of bonts,	Weight of cargo.	Tollage.	Number of beats,	Weight of cargo.	Tollage.
				No.	Mds.	Rs.	No.	Mds.	Ra.
Rice and pa Juse Firewood Other articl		000 00+ 00+	***	905 35 111 968	1,99,735 26,475 56,175 2,56,560	8,250 483 880 3,701	669 20 160 1,006	1,58,550 13 650 66,175 2,84,285	2,626 233 863 4,528
		Total	***	2,009	6,39,330	8,830	1,845	5,22,510	8,247

Bengal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of December 1889, as compared with the same month of the previous year.

					18	10.	100	BIL.	Tol	nl,		
STAPE	306.				Up.	lawn.	Up.	Down.	1849.	1058.	Increase.	Derreas
					Tone.	Tons.	Tons.	Tons.	Tona.	Tons.	Tons.	Tona
				1		519	8,004	13	1,240	3,619		2.30
onl	0.01				1,197	1	11130	11.00	3	*****	8	- 00
otton twist and yarn-	***	***		1	_		1				1	
1 European	* 0 *			17	1						1	
2.—Indian	-								}			
1 - Kunningson -							185	1	834	106	225	
a in tailes and	i bund	ten	0.00	1	300	6	183		924			984
t.—In hozes			4.5								1	
a In hairs and	d bund	Hou	1 0-4								1	
ė.—in bosus			> 4	0.00	1							
sRice	007	4 9 4	0.01	0.0	28 87	115	2	73	3 (1)	76	72	*****
8Others	***	444	004	-	87	1.5	21	61	102	210	200	
ides and skins -												
1Hides of rattle-		040			)							
hUndressed	101	100	9471	**	1	1	1	20	46	28	28	1///401
2Skins of absent, &c						66	******	-			1	174901
8,—Undressed		100	0.04		j							
IA-				1								
1Raw-					15	1,687	.,,	1.046	1.652	1,580	67	
2, -Gunny bags and	loth	501	a-1		9	807.117	2	200100	9	3	7	010104
etala-				1			1					
1Copper, unwroug	h6	ndre		- 1								
2. Brain, unwrought	WHOM	chil.				12	- 40	61	80	100		
4lean			***		66				-			
4Tin	0.04	466.	no 4	b-d	i		1					1
6Others	400	0-00	894	801	,							
1Kernsino	0.44	000	9.6-4	mbs .	106	200111	67	001000	100	87	30	200
1Others	00.0	001	144	24.	76	g+ 1+4	29		70			
1.—Linared	40.0		0.00	200 7	1							
1Rate and musiard		0.00	200	110							-	
3.—Tri or gragally	100	mile	694	000	18	48	.00	10	56	78	10.000	
5 - Castor	000	545	200	409 pan	pad							
4.—Poppy	001	400	811	101								
7.—Others	1104	#20	460	+ 04	)							
1 - Betel-puts	00-	104	***	80-1	9	719	701 -1	120	748	136	612	*****
S Otthurs	-	+ 00	***	***	36	88	61	83	56 64	64 38	29	}
ilway plant and rolling	-stock	+ 4*4	84-	1	21	45	19	19	240	166	80	1
mr—	***	000	975	-	2.00		1	*****				}
1, Drained			9 - 1	**-	86	110	7	170	176	106	001004	1
2,-1 indesined		***	4 27 1	P-0	)	1						1
1Timber		1 00	No.	AMIL	)		10			19		
2Paremond	***	121	Ø > 1	1.			19		200		89	1
other articles of merel	andia	141	* * *	**	26	ME	21	11	116	88	63	****
1Unmanufactured	***	100	# (PH	21	3 411	145	314	* 185	856	500	56	
2.—Manufactured	100	00-0	0.04		411	145	214	183	800	994	200	
		.0	Cotal		1,013	5,196	4,693	2,387	0,040	0,990	1,487	3,4
		1	A COL	8.84	2,000	9,120	d'unitg	8,009	21,049	0,000	1,401	

Cond

Cond

Cond

Cond

Mostly is cond for brick burning, it is believed.

Bet lands

Ordinary fluctuation.

Cond presents

Conductor, fluctuation.

Conductor, fluctuation.

Calcurate, the 24th March 1890.

Examiner of Accounts.

#### Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of December 1889, as compared with the same month of the previous year.

				100	10.	1888.		Tor.	A.Zee		
BTAFLES.				Up.	Down.	Up.	Down.	5000.	1000.	Increase.	Decrease
			1	Toms.	Tons.	Tona;	Tona.	Tonu,	Tons.	Tone.	Tons
Conton, car	9.04	++4	000	8,1126	1,880	11,037	3,657	10,896	14,796	*****	8,78
cotton twist and yarn-	0.04	***	004	- 4	580	100	odb	817	454	418	80.146
1 Kurupean	401	909	101	1							1
2Indian	-644	***	000								
Cotton piece goods-							-				
1.—Burupean—	llan		- 1	8,630	- 00	2,306	200	0.000			4
b.—In tozos	***	000	044	, 0,000	-	2,000	136	8,727	2,463	1,844	
9.—Indian		000						ĺ			
- a in butes and bund	lon	500	004								
6,-In houses	0.00	210	*** 4	)				1			1
Frains—				2,217	0.000		0.000				1
tRice	400	***	444	1,041	2,803 6,766	1,257 700	3,526 5,340	8,020	3,793	1,887	80-111
B.—Othern	***	0.00	694	njers.	4100	240	0,000	7,797	6,089	1,758	
1 Hittes of cuttle-			- 1								1
as lipsusmel	100	211	000								1
5Undressed	100	994	411				-				
2Skins of sheep, 4c					966		828	967	636	81	
a Dressed	p 20 0	0-61	201	1							
uto-	900	090	***	<b>'</b>							
IRAW-											
a Screwed	***	684		8	7,228	8.00 (80	3,649	7,238	3,440	3,554	
b Unucrewed	100	101	00 -	23	49,563	83	35, (48	42.895	85,478	3,110	*****
2Gunny-base and cloth	+00	4911		827	1,718	134	1,350	2,039	1,496	543	800111
Setals-				1							
1Copper, unwrought	127	201	10.							1	1
3 tram and copper, wrong		***		1,561	1.69	- ma 1	200				
A-lem an are	F1P	120	80-	1,001	183	966	171	1,718	1,194	560	*****
8,-Tin	849	240	***	i							1
6 Others	010	d p d		,							
nla Kercettia				482		417	6	. 400			1
2.— Lercettle	111	,002 eda	100	220	72	1.88	538	21/2	423	67	1
Dilaceds	***			-		-	-	880	107	105	******
1 Lineard an	4.6.2	***	B4+ "					i			1
2 Rape and mustard	0.00										
3 Til or gingelly	*0.0	884	400	22	2,452	70	0.000	0.00			
6 Contor	485	F114	101 101	1	2,002	10	1,001	2,354	1,181	1,378	
6 Poppy	400	***	944				i				
7Others		. 604	400	)							
Provisions-			1							1	
2.—Hetelnate	46.1	401	1500	348	755	163	149	918	261	651	
and not plant and rolling-stock	244	000	001	£2003	8,163	3.000	371 3,449	897 11.256	841	51	001
	101	754	0.04	8,000	6,103	3,721	3,000	8,988	5,365 3,730	8,901	*** mpo
lelt ar	461	1990	-91	tol 4		-,		B) 000	8,730	1,858	200.00
I - I'mined 100	800	061	4	1,993	127	808	219	3 430	8.00		
gUndrained	601	0110	0.00	3 1,000	844	1000	219	1,418	122	396	101 61
Non-											
1 Poreign	000	444	60	}	1,917	1	1,879	1,917	1,800	237	
2" \$ 150 mm or	4974	991	491	,						001	******
Tood- 1.—Timber	404	500		160	84	106	73	243	179		
L-Firewood	100	410		1,031	A11111	1,966	66	1.931	2,010	64	*****
- homeone		090		67	730	40	1,108	786	1,211	1	7
all other articles of merchandles											43
t Capparadvetared	9/84	1000	***	4,598	2,195	3,746	1,909	6,003	5,617	1,036	
2 - Manufectured	·M. Ba	of look	**	338		840					111100
BOY, Stiller, Still a spiller for & st		- I someth	***	000	******	-	000,,,	353	840	****	A.S.
	(Flo	late		87,646	79,003	32,616	61,168	1,37,967	93,680	28,088	4,47

Comparative Statement of the principal commodities carried by the Eastern Bengal State Railway during the month of December 1889.

				INCHRAS	RS.				
Cotton, raw Chiefly trom C. P. T. I	 Railman (	loslando	and Atrai		1.44	*00	***	*11	Tone. 413
Coston piece-good	6			artial reco	very of a co	ngested m	arket.	***	1,244
No. 1				***	• • • • •	***	0.04		1,287
Jute, screwed Do., unscrewed		0 0 0		**************************************	***	***		***	8,584 7,110
The season is a later o	ne than la		***	94 0		***		0.00	1.378
The crup is a good one Railway plant and	l <sub>a</sub>	nelt	100	***	0.04			b +	5.901
Repairs and renewals.					• •	198	***	860	1.858
Principally from C. P.		N.	004	***	*10	144	***	.00	887
Toa Principally from Julpa	igari, duo	to the inc			poare garden	D.	***	***	-
Coal	4.9	***		DECRMASE	0.00	400	0.00	***	3,788
Loss demand for brick		2.11	9 8 9	ly for real	way purpose	<b>4</b>	000	- 4.0	425
Decreased despatches i	from Nort	pern Secti	08.		•			FP.	OTTINIAM

CALCUTTA, the 24th March 1890.

Braminer of Accounts.

#### Weekly Return of Traffic Receipts on Indian Railways.

#### EAST INDIAN RAILWAY.

Approximate Beturn of Traffic for week ended 15th March 1890, on 1,525} miles open.

	COACETH	G TRAFF	rc.				aric.	LAL	Other earni	n.cs	Total carnings.	TRAFFIC	TRAIN-MIL	NO NON,
	Number of passengers.	Recei	pte.		Weight carried.		Receipts	۰	(estimated	1).	rotal earnings.	Conching.	Merchan- dise.	Total,
		Re.	A. 1		Mps.	6.	Ro. A.	P.	Es. A.	p.	Bo. 4. P.			
Potal traffic for the week Or per mile of railway For previous 10 weeks of half-	250,884*	2,87,380	7 5	00	25,80,042	10	6,09,896 16 800 11		19,694 9 19 11		9,16,105 to 0 600 to 8	65,291	103,0004	100,860
year	2,539,984	29,19,297	9 (	0	8,81,68,660	30	58,46,213 21	0	1.96,302 9	0	89,60,893 4 0	642,7884	900,993}	1,648,032
Total for Il weeks	\$,916,806	3:,05,578	0 (	-	2,77,58,G35	0	64,84,100 8	6	2,16,820 11	0	96,77,499 0 0	709,0204	1,000,8021	1,711,892
Comparison.														
total for corresponding week of previous year Per mile of railway correspond-	261,455	3,19,160		1	26,84,614	20		11	16,990 8	- 1	0,80,846 7 0	60,366	96,778	184,146
otal to corresponding date of	110042		8 0		101 000			9	10 10		610 8 0	*****	102 444	910 504
previous year	3,874,973	33,45,390	7 10		3,08,44,769	20	64,19,669 8	11	1,69,179 1	8	1,01,87,826 18 8	720,123	1,034,815	1,774,60

<sup>.</sup> The degreese in coaching traffic is due to figures for the corresponding period of 1839 having included traffic on account of "Gobind Dwadasi" (a bathing feetival).

Approximate Statement of gross receipts of the East Indian Railway, propared in accordance with Public Works
Department Circular No. XXI, Bailway, dated 28rd July 1883.

Becate:	TO POR WHEE TH MARCH 10	RYDIYO	Racestr 187	PB FOR WHIRE IN MARCH 1866	BYDING ).		REGRIPTS FROM BIL 1888 TO 181 MARCH 1889.			PRIL 1859 TO 18 MARCH 1850.		Total	Total
Mean milearo worked	Receipts.		Mean mileage worked.	Receipta,	Par mile worked.	Mean mileage worked.	Total receipts.	Per unle worked par week,	Meen mileage worked.	Total receipts.	Per Entle Worked pur week.	increase in 1890,	formac is 1890.
1,025)	Ra. 0,30,666	Ra.	1,625}	Re. 9,16,606	Ro. 001	1,886	Ro. 6.26,76,964	Ro.	1,5204	Ro., 4,23,93,962	Ra. 886	Rs.	2,00,000

#### PATNA-GYA STATE BAILWAY

Approximate Roturn of Traffic for week ended 15th March 1890, on 57} miles open.

	Coacets	TRAFFI	c.		MERCHAPPIOS TRAFI		FM	RAL	Other war	ntha	Totalone	res à se	100	TRAPPIO	TRAIR-MILE	o Rui.
	Number of passengers.	Boses	DEA.		Weight carried.	Recei	pti	la .	(ostimus	543,		0000		Coaching,	Morchan- disc.	Total
		Be.	۸.	P.	Mps. s.	Ro.	٨.	P.	Bo. a	. P.	Ro.	٨.	P.			
foral traffic for the week Or per mile of ratiway	14,461 213	7,238 116	1 8	0	20,295 20 1,054 0	3,715 54	16		86 0 1	8 0	10,997	0	0 8	1,620}	005	2,430
7007	119,001	61,123	0	0	3,71,943 20	24,307	0	0	435 1	1 0	89,064	1	0	17,197	6,654	23,081
Total for 11 weeks	134,482	71,359	7	U	4,51,519 6	\$5,322	2	0	471 1	6 0	1,00,003	7	0	10,094	7,150	26,181
Companies.																
Potal for corresponding week of provious year Per units of railway corresponds	\$4,846	12,110			23,908 10	2,265	7	0		1 9	14,486	4		2,035	174	2,900
ing week of previous year Potal to corresponding date of	886	211	7	2	192 80	30	9	8	1	8 8	251	4	1	******	201114	000100
previous yest	183,889	84,657	1.5	3	8,42,429 10	29,571	7	0	460 1	1 0	1,04,710	1	3	20,951	6,032	20,003

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, dated 23rd July 1883.

	PE FOR WHEN		Receip 151	TO FOR WHEN			L RECEIPTS THE PRIL 1888 TO 16 MARCH 1889.			MARCH 1800.		Total	Total
Mean mileage worked.	Receipts.	Par mile worked.	Moun milrage worsed.	Receipts.	Par mile worked.	Mean mileage Worked.	Total receipts.	Per mile worked per work.	Mean militare worked.	Total recorpts.	Par mile writed par neak,	inorman in 1890,	dermane (
87k	Re. 14,496	Re. 253	87±	Ro. 17,987	Re. 199	07)	Re. 4,73,460	Ro. 166	874	En.	Re.	Re. 8,675	Ra.

#### TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week anded 16th March 1890, on 23} miles open.

	Coaching	TRAFFIG.	MERCHANDISK THAN		Other carnings	Total	TRAFFIC	TRAIN-MILE	es aus.
	Number of passengers.	Receipts.	Weight enertied.	Receipts.	(ostimated).	esrnings.	Coaching.	Merchan-	Total.
		Ro. A. P.	Mos. s.	Rs. A. P.	Ra. a. r.	En. A. P.			
total traffic for the week m per mile of railway for previous 10 weeks of half- pust	19,847	5,183 18 0 232 15 0	19,546 0	803 2 0 26 10 6	10 6 0	8,786 8 0 280 0 11	867	183	1,000
for provious 10 weeks of mail-	804,479	81,166 18 0	1,41,018 10	4,808 1 0	76 13 0	86,081 18 0	5,743	686	9,696
Total for 11 weeks	224,898	86,349 18 0	1,60,264 20	5,401 8 0	67 8 v	61,838 2 0	9,409	1,937	10,096
Comparison.									
particus year previous year be mile of railway correspond-	23,158	8,986 18 1	11,708 80	460 13 0	8 0 0	6,386 8 1	899	70	960
- worth of previous vend	******	208 14 7	201000	19 16 4	0 2 2	208 18 1	00000	***************************************	******
provious year	244,607	80,470 1 10	1,06,866 0	3,787 0 4	67 13 3	67,294 15 1	9,911	718	10,68

Approximate Statement of gross receipts of the Turkessur Branch Railway, prepared in accordance with Public Works
Department Gircular No. XXI, Railway, duted 23rd July 1883.

LECTIFY (	POR WREET I	ENDING		TO FOR WHEEL 18:			RECEIPTS FRO BILL 1988 TO 181 MARCH 1889.			RECRIPTS FRO LPRIL 1980 TO 11 MARCH 1890.		Total	Total	
Wran rafe rafest.	Receipia.		Menn milange worked.	Receipts		Mean mileare worked.	Total receipts.		Mean milears worked.	Total receipts.	Per mile wenked per week.	increase in 1890.	decrease 1200.	im
1	Ro	Ra.		Re	Ro.		Ra.	Ra,		Ro.	Ro.	Ra.	Ba	
20)	6,386	267	22)	8,786	260	201	2,74,177	246	223	2,63,511	.530	000 10 0	8,00	6

#### BASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K. and D., and Assam-Brhan Sections.)

Approximate Meturn of Traffic for week ended 8th March 1890, on 747 miles open.

	COACHING	TRAFFI	c.		MERCHAND		PPIC.	24/	L	Other on:			otal		TRAFFIC	TRAIP-RILE	BVF.
	Number of passengers.	Comphi			Weight carried.		Receip	ıtn.		steam-b		1.00	131111(6)	3.	Conching.	Merchan-	Total
100		Bo.	۸.	2.	Mos.	8	Ra.	A.	p.	Re.	A. P.	Ro		P.			
traffic for the week	#220,050 216	07,710 117		0	5,46,780 732	0	92,946 183			17,480	0 0	1,97,4	90 0 65 0	0 0	83,158	28,234	81,411
P1 00- 1-	1,848,100	6,98,820	0	0	\$3,29,400	0	10,71,600	0	0	1,86,810	0 0	19,94,1	60 0	0	197,757	275,487	473,214
Total for 10 weeks Companiesm.	1,566,180	7,63,640	0	0	65,70,160	0	11,63,760	0	0	1,74,860	6 0	31,21,0	60 (	0	980,915	368,711	534,920
introrresponding week of	200,161	80,333	0		4,85,348		77,879	0	0	16,927	0 •	1,79,6		0 0	-	23,696	64,85
in corresponding date of	207	193		0	781	0	116	0	0	**	0 0		146	0 0	H10161	810000	999600
ALTONO LEGI.	1,491,420	7,99,184	6 0	0	69,11,604	0	9,00,890	0	0	1,76,798	0 0	18,82,	578	0 0	214,628	251,460	405,06

. Excluding stoamer carnings,

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

TREATE BELLEVIEL	Æ₩,	81	TE POR WEEK	BEIGHT.		L RECEIPTS FR PRIL 1888 TO 9 MARCH 1889.		TOTAL	RECEIPTS PROACH 1800 AMARCH 1800.	IH	Total	Total
Receipts.	Per	Mean miteaser worked.	Receipts.	Par mile worked.	Mosn inileage worked.	Total receipts.	Par mile more work,	Hean a deared worked	Ental recoipte.	for mice corand per work,	1850-90.	1880-80.
Rs.	Ro.		Ra.	Be,	1	Ra.	Ra.		Rs.	24.	Re.	Rs.
1,70,680	907	747	1,97,490	204	678	1,01,24,961	207	797	*1.08,86, <b>640</b> *	305	7,61,679	886.701

<sup>\*</sup> Audited up to week ending 51st December 1999.

Due to Kanchrapara mela return tickola issued at single fare.

#### BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 8th March 1890, on 125 miles open.

	COACHIR	TRAFFI	0.	Maronavi		AND MINI	RAL	Other on	Polos	Tot	-1		TRAPPIC	TRAIN-MIL	ES BUI
	Number of passengers.	Coacht		Weight carried.		Receipt	8,	(ostima					Conching.	Merchan- dise,	Tot
		Ba.	A. P.	Mps.	0.	Dis. A	L. P.	Ba,	4. 2	Ra,	A- 1	P.			-
Point traffic for the week Or par mile of ratiway For previous 9 weeks of half-	36,380	11,190	0 0 0 0	08,960 626	0	8,000	0 0	90	0 0		0		8,735	1,987	8,
7007	230,720	90,870	0 0	3,32,650	0	25,100	0 0	606	0 0	1,16,700	0	0	82,022	16,020	40
Total for 0 weeks	278,100	2,01,900	0 0	3,98,900	0	36,770	0 0	779	0 0	1,31,630	٥	0	88,757	18,705	64
COMPABISON.							- 1								
previous year	41,863	12,008	0 0	00,881	0	8,447	0 0	66	0 0	16,197	0	0	8,004	3,907	
ing period of previous year	383	101	0 0	487	0	28 (	0 0		-6-	129	0	6		790101	-0,1
otal to corresponding date of previous year	203,606	1,00,578	0 0	5,21,121	0	26,040	0 0	4,112	0 0	1,20,724	0	0	86,319	19,886	86.1

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	TO POR WHEE			P POR WERT			L BECHIPTS FR. LINSU TO STM. 1889.		TOTA	L RUCEIPTS PHO L 1889 TO STH 1 1490,	M 1er	Total	
Mean m:lease worked	Receipte.	Per mile worked.	Moan mileage worked.	Receipts.		Mean milease sucked	fotal receipts.	Por mile surge. p-r work.	Mean ndeage sorand.	Total receipts.	Per mile worked per week	199N-00' tpustown 12	dorres 1660
188	Ra. 16,197	Ro. 1.99	135	Ra. 16,690	Rs. 189	123	Ra. 6,76,670	Ra. 111	198	No. *0,00,002	Re. 213	Ro. 16,166	31

<sup>\*</sup> Audited up to week ending 31st Decumber 1989.

#### DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 8th March 1890, on 86 miles open.

	Соленти	o Taatt	ic.		Marchard		PIC.	10.	A.L.	Other on	rniı	A,En	Tota	1		TRAVETO	TRAIN-RIL
	Number of passengers.	Doneh			Weight corried.		Baccip	44.		(estima	tod	).	46.Ftb.125	gra.		Coaching.	Merchan-
		Ra.	A.	2,	MDs.	ß.	Bo.	Δ.	Р.	Ro.	Δ.	P.	Re.	A.	P.		
Total traffic for the week Or per nule of rariway For previous 9 weeks of half-	\$1,710 253	8,150	0	0	96,100 334	0	1,680 30	0	0	80	6	0 0	19,800 126			1,400	604
Year	344,890	26,000	0	0	1,80,700	0	28,730		0	1,000		0	63,840	0	0	83,586	7,639
Total for 10 weeks	165,830	61,830	0	0	8,87,M/O	0	28,360	0	0	1,530	0	0	91,120	0	0	23,734	7,038
COMPARISON.	j			4										-	-		
fetal for corresponding period of previous year. For more of rankway corresponding	37,900	8,770		2	14,003		1,044	ú		850			7,098	0		2,400	670
period of provious year	208	47	0	0	170		12		1	8	0	0	88	0	0	*****	141.00
binations hous	188,771	46,960			1,28,181	0	11,604		0	1,008	0	0	61,612	0	0	34,150	0,464

#### PINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

S FOR WHRE I MARCH 14	ENDING				APAI	. RRCEIPTO FEG L 1804 70/ 978 J 1880.	M 10T SARCH	APBI	L RECEIPTS PAR L 1889 To BYE ! 1889,	MANCH	Potal	
Receipts.	Per mile worked	Mean mileage worked.	Receipte.				worked	rei Llemger		Per mile work of pur week.	)mercase in 2009-90.	dor
Rs. 7.004	Re.		Re.	Bo.	-	Ra.	Re.		Re.	Ra.	Ra.	
	t MARCH 1st	Receipts. mile worked	Reconipte. Per mile mileage worked.	Recoupts. Per Mann 180  Recoupts. Per mile mileage worked. Recoipts.  Re. Re.	Receipts. Per Mean selection. Per mile worked. Receipts. Receipts. Receipts. Receipts. Receipts. Receipts. Receipts. Receipts. Re. Re. Re.	Receipts. Per mile worked. Receipts. Per mile worked. Re. Re. Re. Re.	Receipts. Per Mann Receipts. Per mile worked worked. Re. Re. Re. Re. Re. Re.	Receipts. Per Mean mile worked. Receipts. Per mile worked worked. Re. Re. Re. Re. Re. Re. Re. Re. Re. Re	Receipts. Per Mann 1800. AFRIL 1809 FOR MARCH 1800.  Receipts. Per mile worked worked. Receipts. Receipts. Worked worked worked. Re. Re. Re. Re. Re. Re. Re. Re. Re. Re	Receipts. Per Mann 1880. Per mile worked. Receipts. Receipts. Re. Re. Re. Re. Re. Re. Re. Re. Re. Re	Receipts. Per Mann 1980. AFAIL 1889 TO PER MARCH 1889. APRIL 1889 TO BER MARCH 1889.  Receipts. Per mile mile mile mile worked. Receipts. Worked worked. Total receipts. Worked milimate worked worked. Total receipts. Re. Re. Re. Re. Re. Re. Re. Re. Re. Re	Receipts. Be. Re. Re. Re. Re. Re. AFRIL 1889 TO BYR MARCH 1889. Total receipts. AFRIL 1889 To BYR MARCH 1889. Total receipts. Worked mile worked. Total receipts. Worked mile worked. Total receipts. Re. Re. Re. Re. Re. Re. Re. Re. Re. Re

<sup>\*</sup> Audited up to week suding 31st December 1000.

#### NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 8th March 1890, on 272 miles open.

4	COACEIR	O TRATE	IQ.	MERCHAN		AND MIN	BRA		Otherear			Total		TRAFFIC	TRAIN-MIL	BO BUS
	Number of passentgers.	Coach		Weightonr	ried.	Receip	tp,		(ostimat	led)		08711111	gn.	Conching,	Merchan- dise.	Tetal
		Bo.	A. 2	Mps	. 8.	Ro.	A, 1	٠.	ita.	<b>A.</b>	p.	Ro.	A. F.			
final traffic for the week Or per mile o railway	9,493 136	1,180 61		18,795 871		\$53 35	0	0	23	0	0	2,103 77	0 0	84.0	364	761
7007	28,590	10,308	0 (	3,16,000	. 0	7,850	0	0	413	0	0	18,071	0 0	4,368	4,691	8,86
Total for 9 weeks COMPARISON.	82,018	11,458	0 (	1,31,616	0	9,396	0	0	435	0	0	20,176	0 0	6;079	4,748	9.61
foral for corresponding week	4,461	1,700					0		15	0	0			1	807	1,63
ine week of previous year	106	63	0 0	860	0	84		9	******		1	97	0 0	******	400.	****
Busions Aort	84,364	12,064	0 6	1,46,603	0	8,947	0 (	1	163	0	0	21,274	0 0	4,944	8,971	10.2

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalkati State Railway.

	THE NOR WHERE			TO POR WHEN PE MARCH 189			receipts fro Pell 1885 to 81 March 1889,		TOTA	L RECHIPTO PER PRIL 1839 TO 8 MARCH 1890.	om lor	Total	Total
lean s. safr parted.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileago worked.	Total receipts		Monn mateur worked	Total receipts.	Per mile worked per week.	incremer im	decremed 1849-90
m <sub>1</sub>	<b>Ra.</b> 3,617	Ra. 97	873	Re. 3,105	Ra.	274	Ra. 96,615	Ra. 75	278	Ra. 96,197	Ra. 75	Ro.	20. 330

#### NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 16th March 1890, on 27? miles open.

₹ - 00	COACHTR	TRAFF	IC.		Muncanant		PPIC.	116.1	LA I	Other						TRAPPIE	TRAIS-MILI	o Brn.
	Number of passengers.		Conching receipts.		Weight parried.		Receip	ta		Other end			Tota		) <sub>a</sub>	Conching.	Merchan- due.	Total
		20.	٨.	P.	Mos.	8.	Es.	Δ.	P.	Ra.	<b>A</b> .	2.	Re.		. p			
fini rame for the week  per unto of railway  pravious D weeks of half-	8,414 125	1,183 48		0	34,783 616		1,040	0	0	18 1	0	0	2,211 68		0 0	800	20-6	763
J467	82,304	11,534	-	Q	1,81,700	0	8,810	0		485	0		20,287	0	0	4,878	8,126	D,SSA
Total for 10 weeks	80,718	12,717	0	0	1,48,455	0	9,358	0	0	653	0	0	22,518	0	0	8,3-1	8,390	10,761
trai for corresponding week	8,000				0,900	-	518	-			0	1	2,061	0	0	800	485	1,744
let be corresponding data of	163	86	0	0	242	0	19	0	0	1	0	0	76	0	0	494494	*****	4- 341
Nations year	36,364	16,394	0	0	1,38,223	0	8,700	0	0	181	0	0	23,335	0	0	8,453	8,900	11,319

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Bailway.

licery a	diffe name bedies   Receipts for week ending   1872 March 1880.				TOTAL	RECRIPTO TRO BIL 1888 TO 16 MARCH 1889,	em ter		PRIL 1889 To 15 March 1860,	Total			
tina man	Receipts. Pur mile worked.	Mean maleage worked	Receipts.	Per unile worked.		Total recaipte	Per mile worker per work	Mean milmage worsed	Total receipts.	Per mile worked per week.	increase in less-vo.	decrease in 1865-90.	
	Re.	Rs.		Re.	Re.		84.	Ba.		Ra.	Ro.	Ro.	Bs.
83	8,061	70	17è	9,261	88	278	80,576	75	97è	96,830	75	********	37

#### TIRHOOT STATE BAILWAY.

Approximate Return of Traffic for the week ending 15th March 1890, on 273 miles open.

	COVCEIR	o Tanyy	tc.		MARCHARU		AND MIS	BRAL	Other e	-	ines	Tou			TRAPPIO	TRAIF-MIL	ES BEI
	Number of passengers.		Donohing receipts.		Weight ourried.		Becaig	ts.		(ostimated).		entungs.		Ocaching.	Morehan- diss.	Total.	
		Re.	▲.	P.	Mno.	B.	Ba.	A. 7.	Re.	Α.	. 7.	Ro.	۵.	2.			
Potal traffic for the week	65,005 165	17,461			8,81,653 963	0	20,233	• •	8,309	0	0	40,084 270			0,851	8,086	14,33
year on me	470,849	2,92,741	0	6	25,79,845	0	2,96,889	0 0	21,704	0	0	8,33,894	0	0	85,696	99,017	147,72
Total for 10 weeks	\$15,553	2,20,293	0	0	28,51,695	0	8.26,612	0 0	86,103	0	0	8,82,919	0	0	61,946	100,128	102,00
Total for corresponding week of previous year	A,944	15,700	0		1,00,979	0	38,886	0 0	2,460		0	86,706 116		-	5,460	6,903	10,30
rotal to corresponding date of previous year	448,179	1,71,006	0	0	14,02,900	0	1,41,564		82,434			3,44,002		0	00,618	61,622	183,36

<sup>\*</sup> Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirkoot State Railway.

Ancerves our west expire			RECEIPTS FOR WHEN ENDING				PRIL 1888 TO 16 MARGE 1889.		TOTA	Z RUCKIPIU FBO PRIL 1849 TO 11 MARCH 1896.	Total	Total	
Mean mileage worked.	Becorpus.	Per mile worked.	Mann mileage worked.	Bootiple.	Por mile worked.	Menn mlicage worked.	Total receipts.	Por mile worked par week,	Nean mileage worsed,	Total receipte.	Per mile worked per week.	increase in 1889-90,	decrease to
273	Ba 23,700	200 ·	973	Mo. 60,004	Bo.	265166	Ba. 18,84,198	200.	973	20,00,004	200.	20. 6,76,000	ila,

DARJEELING-HIM	CALAYAN	RAILWA	Y COM	PANY,	LIMITED.			Rs.
Approximate earnings for week Corresponding period of 1869	ending to	March 1896	•••	000	640		9,7	08 234
Decrease	##0		***	***	***	•	-	526
Receipts per mile for week at Corresponding period of 1889	nding let b		•••	000	648 648	Rs. 190 300	6 10	P. 8 11
Docresse	0 0 4	***	P 0 0	000	*40	10	6	8
Receipts from 1st January to 2 Corresponding period of 1889	lst March I		100	***	0.00		60,6	
Increase	ee1	984	<b>20</b> 0	***	966	-	2,6	597



# SUPPLEMENT TO

# The Calcutta Gazette.

WEDNESDAY, APRIL 2, 1890.

#### OFFICIAL PAPERS.

Non-Subscribers to the Gazzetz may receive the Supplement separately on payment of Six Eu per annum if delivered in Calcutta, or Twelve Rupecs if sent by Post.

#### CONTENTS.

Riusiall, Weather, and State and Fromesta of the Crops.  Results of the Metsuccioneal Observation taken at the Aligner Observation from 25rd to 2015 March 1850.  Statement abowing the Result in the Beneral during the week ending Priday the 25th of March 1880.  Results of the Metsuccioneal Observation taken at the Beneral during the week ending Priday the 25th of March 1880.  Circular and Hastaru Canals  Circular and Hastaru Canals	Bengal for the month lits of the Registration Principal Municipalities in g 13th March 1890 to the end of January 1890 , for the weak ending 29t month of February 1890 .	of 77: of 77: of 77: o. 78: h 76:

#### APPOINTMENT OF SUB-DEPUTY COLLECTORS DURING THE YEAR 1890.

#### APPOINMENT DEPARTMENT. Calcutta, the 27th March 1890.

#### RESOLUTION.

#### READ-

The Resolution, dated the 24th April 1889, regarding the recruitment of the Subordinate Executive Service.

The notification, dated the 1st June 1889, publishing the rules for the examination held in January 1890.

Agreeably to the orders contained in paragraph 18 of the Resolution and paragraph 8 of the notification read in the preamble, an examination was held in January last of the candidates for appointment as Sub-Deputy Collectors who had been registered in this office. Only eight candidates appeared at it, and the following gentlemen are declared to be eligible for appointment as Sub-Deputy Collectors during the year 1890 :-

- Babu Upendra Nath Ghosh, B.A.
- " Jnanendra Mohun Ghosh, B.A.
- 8
- Krishna Lal Dey.
  Debendro Prosad Roy.
- Surendra Lal Mitra.

Four of the above named gentlemen-Babus Upendra Nath Ghosh, Jnanendra Mohun Ghosh, Krishna Lal Dey, and Debendro Prosad Roy-have been appointed to fill vacancies as Officiating Sub Deputy Collectors of the fourth grade. The fifth gentleman, Bubu Surendra Lal Mitra, is posted to the sudder station of the 24-Pergunnahs as a probationer on a subsistence allowance of Rs. 30 per mensem, and will be employed on general work of such a kind as may be allotted to him by the District Magistrate. On the expiration of the terms of the acting appointments of the four gentlemen named above, they will revert as probationers at the sudder stations of the districts in which they have been officiating, and will be similarly employed there by the District Magistrates.

ORDER.-Ordered that the above Resolution be published in the Calculta

By order of the Lieutenant-Governor of Bengal.

JOHN EDGAR,

Chief Secretary to the Government of Bengal.

The 1st April, 1890.—The following is published for general information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Government of Bengal.

#### POONA INDUSTRIAL MUSEUM-SALE BRANCH.

Rules under which goods from Merchants and Manufacturors will be admitted for sale.

1. There will be a Sale Section attached to the Poons Museum in which merchants, manufacturers and artizans will be allowed to keep for sale, on commission, such of their goods and productions as the Museum Committee will admit.

2. Merchants and manufacturers and artizans wishing to avail themselves of the benefits of the Sale Section of the Poona Museum must apply to the Committee in writing for accepting their goods for sale, and must express their consent in writing to abide by these or any other rules the Committee frames.

The quantity of the stock to be kept for sale will be determined by the Museum

Committee.

4. The rates to be charged by the merchants and manufacturers to the Committee for the articles for sale shall be fixed before they are sent to the Museum, and they shall be the wholesale or trade rates.

5. The Committee will be at liberty to enhance the prices of the articles to cover

transit charges, &c.

6. The Committee will ordinarily charge commission at 5 per cent. on the original prices of the goods sold-or at such rate as may be agreed upon between the Committee and the parties.

7. The amount, after deducting Committee's commission, realized by the cale of the articles will be remitted quarterly to the owner and the secount adjusted at the end of the

year.

8. Whenever it may be found that particular goods are not saleable at profit, they will be returned to the owners at their risk and cost, unless they desire to sell them off at

the highest rates obtainable.

9. The Committee will not be responsible for any damages and losses during transit and any damages and losses by fire and other acts of God, whilst they are in the Committee's

charge

10. Notwithstanding anything contained in these rules or in the rules about the Museum, the Committee reserve to themselves the right of making special arrangements or

contracts with individuals or firms.

11. Should any dispute arise between the constituents and the Committee, it shall be settled by arbitration. One arbitrator shall be chosen by each party and the two appointed

shall nominate an umpire or sur-panch before proceeding with their work.

12. The Committee will undertake to distribute, on payment of reasonable fee, price lists, catalogues and samples amongst respectable merchants and gentlemen, in Poons or in the Deccan, as may be desired.

MUSEUM COMMITTEE'S OFFICE.

Poona, 28th November 1889.

D. J. GOKHALE. N. B. KANITKER. M. B. NAMJOSIII.

Honorary Secretaries.

#### BHADOI UROPS IN BENGAL, 1889.

The 28th March, 1890 .- The following is published for general information.

CALOUTTA;

By order of the Lieut.-Governor of Bengal,

REVENUE DEPT.—Agri.,

P. NOLAN,

The 28th March, 1890.

Secretary to the Government of Bengul.

STATEMENT II .- Estimated outturn of Bhadoi harvest reaped in August, September and October, 1889.

Rannagerange 671 500 50 Clas, based 52 Theorems and all ploughing time.  Outware 548 500 50 Ann 10 Theorems were affected by deficiency of rain ploughing, sweing and maturing fine.  District Total 5,007 \$,000 543 10	1	9	8	4		6	7	1
Earnegeunge 671 586 50 Clas, here 1 13 "There was disclosed risk at ploughing time.  Culum 548 580 50 50 Ann 10 Ann 10 Inches 1 15 Ann 10 Inches 1	DISTRICT.	Sub-division.	aub-division	be under cultivation in square	area under bhadei crops in square	Names of principal bhadot crops.	of bhatoj crops expressed in	Remarks.
Banesquage   671   588   50   One, here   12   There was deficient rate at phosphary time. Such a control of the control of	Sordwan	Sudder	1,508	693	331		10 cnmas	Definency of rainfall; t (a) ploughing time and (b) sowing time.
Culma dell 500 50 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Rancogungo	671	206	80		18	
Calma de 56 560 60 Ann 10 10 11 is an much affected they year for insufficient control of the component of the co		Cutwo	880	205	= {	Turn Neali Janti	}•	The crops were affected by deficiency of rain in ploughing, sowing and maturing time.
District Total  Sudder		Culum	482	860		Ama	10 10	(I) It was much affected this year for insuffi- cient rainfall at ploughing and sowing
Bishenpore 700 500 60 777 175 175 Aug 15 annex.  Descrict Total 1,000 777 175 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100 177 Aug 15 annex.  Landour 1,100 177 1,100		District Total	2,077	2,006	943		10 апява.	(2) A little damage to this grow was done by
Bishenpore 700 \$80 63 Farty addity, asp, and silver would have been a bumper crop has been been a bumper crop has been been a bumper crop has been been a bumper crop has been abumper crop has been a bumper crop has been a bumper crop has been abumper crop has been been abumper of rainfall at the bumper crop has been bumper affected the bumper crop has been bumper affected the country of rainfall at the bumper crop has been bumper for has been abumper of rainfall at the bumper crop has been bumper for has bumper crop has been bumper for has been bumper for has been bumper for has been bumper for has been bumper for has been abumped for a bumper crop has been bumper for has been bumper for him bumper crop has been bumper for has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for him has been bumper for hi	makoorn	Builder	1,931	670	45	tele tatka chali,	16 ARDES	Deficiency of rainfall in the month of Sravan (July-August) affected the full grawth of these cross, which would otherwise have yielded an outstrange above the
Description Total   1,000   777   173   Aug	100	Bishenporo	700	200	93	Barly paddy, ans,	16	There would have been a bumper crop had
Ramporchat  George Sudder  Josephan Sudd		District Total	2,621	1,000	88		15 аплав.	
District Total   1,756   1,629   297   153 annue.	Baqthoom	Sudder	1,100	777	173	Aug	16 annas	Deficiency of rainfall after sowing affected the cusp slightly in thans Sanutipore, but this has been more then made up by unusually good cruts elements.
Limporo Studies 3,188 3,797 080 Aus til, maine 131 annas Utri.  Contai 551 710 60 Aus til, maine 151 annas Exist 15 .		Ramperchat	040	400	66	Aug	15 40 100	The ereps in the high land suffered from dut
Coutai		District Total	1,786	1,235	257		15} annes.	
Ghattal 366 120 88 Aus Planty, fill and pulses.  Tualcolt 600 645 50 Aus 15 Suffered from deficiency of rainfall just before between the harvesting time.  District Total 5.119 3.179 810 15 summs.  Budder 642 2765 856 856 Aus 18 Deficient rainfall just after transplanting caused a little damage of the crop was much damaged by the deficiency of rainfall forces, or sinfall throughout the season.  Jebarahud 666 869 67 Aus 18 Deficient rainfall just after transplanting caused a little damage to the crop.  Jebarahud 666 869 67 Aus 15 Deficient rainfall just after transplanting caused a little damage to the crop.  Jebarahud 666 869 87 Aus 15 Deficient rainfall just after transplanting caused a little damage to the crop.  Jebarahud 666 869 87 Aus 15 Deficient rainfall just after transplanting caused a little damage to the crop.  Jebarahud 666 869 87 Aus 16 No. 16 No. 16 No. 17 No. 16 No. 18 No. 1	Minporo	Sudder	3,034	1,767	200		15} annes	
Ghattal 365 125 88 Aus Aus 15 or Chiral lines before the harvesting time.  District Total 5.119 5.179 510		Contai	g81	710	•	Mustard	16 11	Partial failure for want of sufficient ramfail at the ploughing and sowing time.
District Total 0.119 3.179 510		Ghattal	305	200	88	Arra, Jimmji, til and !	1 h to	j
Sudder 642 276 45 Ams 6 mmas of mmas of mmas of minfall throughout the season.  Herampore 343 240 304 Ams 18 Danciont rainfall int after transplanting caused a little damage of the crop.  Jebarahud 600 323 67 Ams 16 Ams 16 Ams 16 Ams 171 102 6 Ams 16 Ams 18 There was deficiency of rainfall at the ploughing and sowing season.  District Total 1,677 1,690 263 18 Ams 16 18 annas 16 There was deficiency of rainfall at the ploughing aims.  District Total 2,603 1,896 191 10 IN annas 12 Deficiency of rainfall at the time of ploughing and sowing and surface and a line 12 12 Deficiency of rainfall at the time of ploughing and sowing and surface and a line 12 12 12 Deficiency of rainfall at the time of ploughing and sowing and surface and the line 12 12 12 Deficiency of rainfall at the time of ploughing and sowing and surface and the line 12		Tumiook	900	445	20	Arra	15	Suffered from deficiency of rainfall just before the harvesting time.
forampore 345 250 300 Aus 18 Deficiency of rainfall at the time of ploughing and sowing lines to the control lines and some some some some some some some some		District Total	5,119	3,179	810	Panced	16 annas,	
Johanahad 171 103 0 0 Aus 15 a There was deficiency of rainfall at the ploughing and sowing some There was deficiency of rainfall at the ploughing and sowing some There was deficiency of rainfall at the ploughing and sowing some There was deficiency of rainfall at the ploughing and sowing some There was deficiency of rainfall at the ploughing and sowing some 15 annes 15 annes 15 annes 16 annes 16 annes 16 annes 17 annes 18 annes 18 annes 18 annes 18 annes 19	display	Budder	642	270)	488	Atto	6 norman	The crop was much damaged by the deficiency
Howards 171 100 0 Aus 15 m There was deficiency of rainfall at the plough- location Total 1,697 1,090 203		Herampore	843	200	808	Attal	18	Deficient rainfall just after transplanting onused a little dammen to the grown
Ocloberiah 208 209 20 Ame and kele 18 There was deficiency of rainfall at the plough-lug time.  Diabrica Total 1,677 1,600 202 18 annas 18		Example 6	171					There was deficiency of rainfull at the planet.
District Total   1,677   1,690   283     18 annas.		Oslooberiah	209	200	20	Aus and hele	18	There was deficiency of rainfall at the plough-
Delicine   Sis		District Total	1,697	1,000}	303	502791	18 annas.	
Barwest   1, 279 95		Ing Barney		717	86	Aus	iš annes	
Barract   Res		Diamond Har-		683	18	Aus	14	Deficiency of rainfall at ploughing and sowing
District Total 2,603 1,698 191 IN auras.  Budder . 1,578'60 800 85 Aus, here and hurman.  Bathburn 1,578'85 440 44 Ditto 8  Area of heart. day of hisis and rivers of this auras of his burners of his bur		Harnert Basichut E.com kporo	530	111	26	tus and boro 1	16	time.
Satishire 1.579 95 440 44 Ditto 5 Deficiency of rainfall at the time of ploughing land sowing.  Area ad bourned the bourned of black and rivers at the burders burst in this district,		District Total						
Satishire 1.579 95 440 44 Ditto 5 Deficiency of rainfall at the time of ploughing land sowing.  Area ad bourned the bourned of black and rivers at the burders burst in this district,	was and	under	1.870'40	200	151 A	us, hore and kur, 11	t annas	
The same and the s		alkhirn carried from of biorri- dary of blinds and rivers of the Burd of burn in this	1,979195	440	44	Ditto E		Deficiency of rainfall at the time of pleaghing and sowing.
		111-1	4,060'01"	1,858	180	100	0 annas,	

The includes Sunderbune 2,779'91 aquare miles apperfaming to this district,
 To annes represents a bumper crop, is annes a full average crop, and 15 annes three-fourths of an average crop.

District.	ub-division.	Total area of substitution in square miles.	Total area estimated to be under cui- tivation in aquare miles.	Ratimated area under blackei crops in square unles.	Names of principal blades crops,	Bstimated outturn of blacici crops oppressed in atms.	Benevel.
Nudden	Budder	701	484	201	Aus, jute, sugar-	8 00200	Affected by want of rain at the sowing time
	Kushten	894	420	300	Aus, jute, indigo	6 <sub>10</sub>	Want of rain at the sowing time and harvest ing assess and floods did great damage to the crops.
	Meherpore	017	980	440	Aun	8 m	Sowing was very late for want of rain. A good deal of damage was done to aut paddy by floods just before it was harvested.
	Chundanga	497	273	200	Aus	6 ,,	This creb was very much damaged by floods.
	Ramaghat	467	286	190	Aus Jute Indigo	10 ss 8 ss 19 m	The rains were late this year, bu afterward, there were such heavy and continued show ere as to prevent the weeding operations Bhades crop in chur lands and ripaging villages was also damaged by floods.
	District Total	2,750	2,980	1,334	100 000	9 annas.	
Jessore	Budder	859	475	210	Aus Jute	12 annas	
	Hongong	649	200	204	Aus	16 11 111	7.70
	Narail	487	363	918	ANS	B 40	The same was a first to a state of
	Magoors	425	200	84	Jute Til	19	The crops were affected at the sowing enacce by deficiency of rainfall and at the harvest time by flood.
	Ibenidah	478	817	••	Ans	Less than 18 anna. Less than 18 annas.	
1	District Total	2,928	1,514	639		11 annas.	
Moorabedabad 2	Sudder	767	576	830	Auna	8 manua	Sowings were delayed by deficient rainfali
1	dyadla.	872	213	74	Aue	0 ,, ,,,	The crop suffered much from flood as time of harvest.
	Jungipore	500	444	116	Aug	190	
	Kandi	513	400	851	Aus	9 annas,	_
	District Total	2,189	1,652	290	Aus	10 anna	Short outtoned to day as did not a
	Sudder	3,251 967	080	180	Aus	7 .,	Short outturn is due to deficient rainfall at the time of ploughing and sawing, and ca- cessive rain afterwards which impeded the wooting of the crops.
	District Total	4,118	3,600	640	Aus Justo	Stanuas,	
Rejohaliye	Judder	914	888	sw	Aus and jute	12 sanas	1
	Nattore	617	801	\$1.5	Asia	10 ,	Democht during the sowing season hant hash
	Nawgong	003	500	280	Knon Jute Jute	7 8 18	Drought during the sowing season kept back the crops, and unusual heavy rain in June drowned the young southings.
					Til	8 00 716 8 00 416	
	District Total	2,344	1,676	763	220.00	10 asnas.	
Rancpore	Rusgpore	1,151	980	290	Aus, jute and indigo.	ld annes	
1	Nelphamari	638	600	190	Ans and jute	18	Excessive rain at the harvest time affected the outturn,
1	Karigman	907	700	400	Ditto	16 14	Deficiency of rain at the nowing time and fre-
	Beibands	780	570	130	Ditto	16	caused injury to the aus and jute crops.
	District Total	8,486	2,650	940	*****	14) annae.	
Bogts	Волт	1,442	918	800	Aus Jule	13 annan	At the time best suited for ploughing and
		******	602743	PBFFFF	671.000	001.12	sowing the drought was prolonized, but after- wards there was pleasy of rain. A considerable quantity of both the orogs in the east of the district was destroyed by floods, and in the extreme north-west there was ton much rain in June. In the middle of the district and in much of the eastern half also, the crops were excellent.
Pabas	Sudder	200	667	307 30 8 8	Aus Jule	6 apper 15 12	The deficiency of rainfall in the plousing and sowing season affected the binded of the flat Puttus submerged the aus crop in the log lands.
	Serajgunge	907	718	200 150 0 3	Aus Jute Til Kaon	16	The crops suffered from deficiency of rainful in the sowing season and authorquently injured by the floods of the Jumna river.
	District Total	1,947	1,886	506	801-77	0 annas.	

1	9	8		6	6	7	8
District,	Rub-divisions	Total area of sub-division in aquare ration.	Total area cutumated to be under cultivation in square miles.	Satimated area under bhadoi crops in square miles.	Names of principal bhadoi crops.	Retirated outturn of bladet crops expressed in sums,	Remares.
Darjosling	Kurneong	165	3.5	12	Aus, maise, marus	12 annae	Owing to reasonable rainfall the outturn was
	Silligoren	868	174	108	Aus and jute	18 ,, .,	better than that of last year.
	Kalimpong	796	89	, 78	Maise, sus, kacm, marua, and phap-	13 ,,	Recessive rainfall affected the crop to a certain extent.
	District Total	2.364	275	185	par.	About 18 annas,	7.9
						1	
Julpigoron	Bykuntpore pergunah, Reda pergun-	607 600'38	298 295	188	Aus	12 annas	Deficiency of rainfall at the sowing time and
	mil.	86:86	78	. 18	Jute	10	were in full growth affected the outurn of
	gumah.	814	203	54100	Juto Aus	11	the aus paddy.
	telmil. Pullscotta	768	3:00	80	Jute	18	
	telisi), Alipore tealiil	617	209	80	Aus	14	A full crop was obtained owing to favourable
410	Bhaika sub-	180	80	8	Jute Jute	16 0 00	distribution of rainfall everywhere.
	District Total	8,681.60	3,661	410'68	Aus Juto	13 aunas, 124	
Ducon	Rudder	11966	688	211	Rarly paddy, viz,—Garia, moonha-kani, bliati sail, boro, kalamanik, poranghi, sitasia, kalathore and pankajoh,	16 nnme	Paddy and jute were partially affected by want of rain at the time of sowing and afterwards by unusual rise of rivers.
					Gram	16	
					Sugaronno	11	Sugarcane was greatly damaged by unusual
	Maniekgunge	400	866	46	Barly paddy, vm.—	20	want of rain at the sowing time, excession
					Kalamanik, karo- hamuri, gorfa, gareshwar, pa- rangi, shatia,	10 00 000	rainfall in June and July, and high floors, have caused much damage to the crops.
	Munahigunae	401	900	80	Jute Grass Aus Supervade	18	Jute was partially affected by want of min at the time of sowing.
	Namingungo	. 641	380	80	Barly paddy, vis.— Burjamukhi, ghur- mora, benjari, saita, lema, pan- haij, rasis lema, sarsuful, jetha- bhaduri, ah- chhaya, bhaisueja, sakar, bamajuri.	18	Some damage has been done by floods.
	District Total	2,797	1,840	417		18) annas.	
Perrendpore	Qudder	660	002	86	Ans	6 annae	3
	Madaripur	979	688	64	Early paddy, such as ann, born, asni digha.	B 44	The crop suffered from (1) definency of rain at the time of sowing and pleughing. (2) anusual floods at the time of harvesting.
	Goalundo	499	381	143	Aue	7	)
	District Total	2,967	1,575	192	*****	8 annas.	
Backergungo	Bariani Peresepura	1,111	680 800	180	Aug	12 annae	The crop was alightly affected by deflerence of ramfall at the time of planting and sommer.
	Patuaktully	1,23:	200 400	100	Do	16 "	and by floods at the ingreening time.
	District Total	3,040	2 030	440		16) anna.	
Mymanaingh	Fudder	3,840	1,061	270	Early paddy, such  No.— Hapa  Bodin  Horon		
					Railam	16 annas.	
	Attia	1,061	7110	298	Hindaon	10 ,,	Crop was affected by the floods in August last,
	Jamaipore	1,944	0.30	877	Chitri		
					Rabu bhugri Moishati Balaram		
1				14	Jaraia	10	
					Haran Daria Jahar Sail	19 ,.	
	6 7			11	Suburnakharika Cheng Khaga		
					Nayal Cilia [ ]		

0 1	2	8	4	B		1	8	
Distator.	Sub-division.	Total area of suinds, mon in square miles.	Total area of calimated to be under cultivation in square mics.	ares under	Names of principal binator crops.	Retimetod outturn of bhadol craps expressed in annas.	Remares.	
,		1			Daniu anddu arak	1		
Mymenningh	Netrohona	1,019	094	100	Barly paddy, such as— Sous, Hoalia Gayal, Astali Kartelitain	)18 mirror	Excessive ratefall during the time of woods and harvesting affected the crop.	
	Kishoregunge	744	330	80	Lenus	18	Crop was affected by the floods in August la	
	District Total	6, 287	8,713	1,030	145541	12 muum.		
Tipporah	Brahmanbersali	740	5568	136'42	Early paddy, viz.— Jeto joto Asari joto Satia	} 18 annas	Owing to timely rain during the ploughing a harresting season, the outturn this year	
	Chandpore	880	415	60	Aus	16 ,.	more than that of the last year,	
1					Early paddy, such			
	Comittah or Sunder aub- division.	1,148	436-5	171'3	Kumini sait Batia	} 14		
	District March		1 600100					
	District Total	2.401	1,525*18	30973	*****	id annas.		
Noakholly	Sudder	2,198	. 1,000	204	Bailam bheta Green Bhultanbboog Harah	10 annae	The outturn is below the average owing insufferent rain at the time of ploughing.	
					Cheknal		The state of the s	
4	Fenny	343	200	86	Shalai	12		
	District Total	1,641	1,250	4/19	****	14 вппва.		
Chittagong	Sudder	1,680	411.52	198'0	Early paddy, viz Earness hastu Chiknai	} 14 annes	The rainfall was timely and sufficient in ti	
	Coz's Bazar	987	633:60	20'18	Prints atta	16 .,	The rainfall was year around	
	District Total	2,867	1,244193	173'93	Alleria Bais	17 amone.	throughout the senson and was sufficient.	
Chittagong Hill	Mandalan							
Tructa.	Sudder	3,883.5	56193	<b>87:46</b>	Jum paddy Collon	G	Dealify was a grand one	
	Sangoo	1,835*8	22 76	18 76	Ditto	d ,, .	The cutturn of estion, which has not yet be gathered, is reported not to he so good was appected.	
	District Total	5,419	67.71	86'21	2-0104	9 annas.	y was naproceed.	
Patmo	Sudder		444		Material			
	Dinapore	617	467	62	Maise and nurus	15 anues	Shadel crops of Dearsh lands were dames by floods.	
	Diagott	363	110	80	Maise Kodo Marua Faddy	\$78 ··	There was timely rainfall at the ploushing a sowing time, but the accessive rain at harve- ing time damaged the crops to some cate- as also the fixed of the tranges damaged the	
	Barh .	896	20.7	36	Maiso Jower Kaon and marus	}10	bhades on the Dearsh lands.  The poor outturn is due to the high fixed- undating the crops in Austral. The en- were under water for two weeks.	
	Hebat	793	674	185	Marna Marzo Kodu Kaon	}16 ,,	-	
	District Total	2,079	1,573	283	44	12 augas.		
and a second	Budder	1,050	1,484	163	Marin, maise,	10	-	
7ya	Aurunga bad.,	1,246	767	87	Mokai, marua	16	Bajos during the months of July and Aug were specially autable to thadel crop, a house the marked aucouse of the crops.	
	owada	1.050	765	80	kolo, urid, berai and sathi, Makai, marua, anwan, sathi, hedo, urid,	16 ,,		
	Jehanabad	607	5-3	. 80	hangum, jenera, til. Makei, marus,	16 ,,		
					natist.			
	District Total	4,712	3,640	815	*****	15 пппав.		

1	9	8		8	6	7	6
District.	Sub-division.	Total area of auti-division in square miles.	Total area estimated to be order out- fluction in square miles.	Entimated area under bhadoi crops in square miles,		Estimated continue of blandot crops expressed in annas.	Remanus.
badadan	Arrah	015	778	70.73	Serha	1	
					Kedo Marua Kasa China Maine, large	8 annas	The deficiency in the outtorn is due to excess are rainfall and numbers in the barrens from which damaged the crops considerably.
	Викат	686	863	88	Serha, mthi Just, sawon Marun, bajra Jouri, saun Kodo, urid and	}10	The crops this year suffered in sceneral from excessive mainful after they had securitated. The long continued rainful of July last on
	Bhabua	1,801	976	128	Sorba, sathi, sewah	}14	siderably retarded the weeding of the er its.  In the tracts lying beyond the river Ganzes the crops were justly washed away an
	Sameram	1,493	6117	78	Sorha	]	The crops were affected by defice-ney of rain as
	Patriet Total	4,803	8,004	368.78	Marua	114 annas.	the time of sowing.
-tepmota	Sudder	1,998	989	800	Marua		, r
					Maizo Gumbhri Shama and kaon	18 anna	The season was most favourable for bhades, and but for the rising of the Karai, Bagmati and other streams, a bumper crop would
	Tajpur	764	440	416	Marita Marita Sintun	18	have been secured.
	Madhubani	1,540	1,005	350	Marus Makai	140 ,	Singhtly affected by the floods in August.
	District Total	3,335	2,603	1,004		About 17 annas.	
taalerput	Mosniferpur	1,818	967*03	265:87	Maria	danna	
	81				Kindo Sathi China		These crops, specially maker, were extensively damaged by floods at the end of July and beamming of August.
	Hajeepur ,,	771	889-6	808'4	Maler	D	Damage caused by excessive rainfall through- ent the season, and mandation of the
	Sitamarhi	1,014	770:64	200	China		Gunduck and Bagu rivers,
	\$ . Ty				Marua in Jasera in Jas	16	The crop would have been a bumber one this year but for the extensive floods of Bagmati and other rivers.
	District Total	8,003	2,157 17	862197	1444	10 annas.	
Z-'eQ	Sulder	1000	Rep	1	Maiss	10 annas	Ploughing and sowing were carried on with great facility, but in some places the crop while in flower was damaged by floods. The average outtorn was thus reduced to Pagmas
	Sewan	888	495	146	Maino Marua, esthi Swan, Tunguni, masuri, bajra and kodo,	18	all over the district.  Damaged by excessive rainfall.
	Gopalgungo .	771	063	940	Maize	10 ,,	i little damage was done by floods.
	District Total	2,023	3,108	dHa	****	19 atmas,	
CEDAPUS 200	Motihart	1,818	1,028	668°	Maine, anthi no- wan, marna,	11 anns	Makai in the Sudder sub-division seriously suffered from the heavy rateful in the months of July and Assesst. In some parts the roo- was a fold indire. Martin also suffered to some extent, but suthi rice yielded above the
	Nettialı	8,018	1,800	800	Haire, marua, nus, caro, benuli- nawan.	12 —	average in many cases repairing the less of marina and maker. The idinter crop, specially maker, was considerably damaged by heavy rame after sowing.
	District Total	3,751	2,223	1,103	881714	11) atmar.	

1	2	3	4	8	0	7	8
District.	Bub-division.	Total area of ambidivision in aguare mike.	Total area entimated to be under cultivation in aguars uslies.	Hatimated area under bhados cropa in aquara miles.	Names of principal blades crops.	Rationated cutturn of bladed crops expressed to amount.	Bewares.
Monghyr	Budder	3,500	1,091	800	China Watso Marua		1
			-		Sama S. Kheri Khori	S manda	These crops were affected to some extent of accountive rath immediately after owing were over, and subsequently disminated to large action by the fleeds of the than during the latter part of August and large
	Begunerai	760	877	515	Martin Martin Kosto Kaon		during the latter part of August and land, ning of Soptember.
	Jamui	1,503	1,008	2018	Maine Urid Chota Janora Moung China Maria Rodo Boro rios	14	
	District Total	8,921	8,780	1,261	*****	about 11 annas.	
Bhagulpore	Budder	ues .	868	163	Maigo Chura Eburi	} 8 aanaa	Demared by excessive rain at the sowing time and by floods in the Dearah lands.
	Banka	1,186	000	385	Marua	}12	Affected by excessive rain at the sowing time and by deficiency of rain afterwards.
	Madshpura	072	588	100	Martin Aug	16	Excessive rain at the time of towing as harvestung demagned marna. Excessive rain at the time of weeding a overflow of revers caused some damage and paddy.
	Supoul	1,275	984	- 900	Ano Margo	16	Deficiency of rain at the plousing time of excess of rain at the introcting time cause a liftle damage to the crops. Heavy a frequent fixed a lao damaged the crops, of pocially in the Kosi tract.
	District Total	4,260	3,668	996	*****	about 13 annas.	10.00
Purneah	Budder	3,672	.3,000	0.46	Aus Marua Moong	8 mythae	The high floods of the year in this distra affected the bhadot crope particularly.
	Arraresh	2,044	700	88n 78	Aus Jule	10	Owing to the drought of April and May to needs were nown late. The heavy rates June and of early July prevented the woting. The unusual floods of the tath a 25th of July inundated the country count the bhades crops to rot in the tracts is under water.
	Kissongunge .	2,340	1,005	130	Aino or so Source Sourc	m	The crops were affected by the excessive in during sewing time, and also damaged finds afterwards.
	Dutrict Total	4,84.76	2 634	1,000	Kharjarum	9 annae.	
Makish	Whole distinct	1,508	1,544	493	Atts		The ecope were own late for want of the mandall and were afterwards submered winestally hash fixeds, hence the short of turn.
Similar Per-	Dumka	2,689	708	384	Maiso, marus	14 annes	
gugnaba.	Deoghur	280	980	40	Aus, maise, marua gundh, moong,		
	Godda	908	676	120	Maise Gundil,	25	Affected by deficiency of min at the ever
	Rajmshal .	746	586	206	Maiso marua, gundli,	19	time and by excessive rainfall afterward show by florids.
	Jamtara	606	246	116	Aug Maiso	. B	
	Pakou:	889	811	. 170	Gundii Alesang	. }17	
	Distant Total	. 5,464	3,067	919		about 18 ansee.	

1	3	8	6	8	•	7	• •
Diornier.	Sub-division.	Total area of sub-division in square miles.	Total area estimated for be under oul- tivation in square miles.	Retimated area undor bhadoi eropu in agearo antion.		Estimated outturn of blandoi co-pa expressed in assume,	Remarks.
Cuttaok	Budder	900	889	114	Beali and mandia,	18 annas.	
	Panki Kendrapara	116 1,424	83 601	187	etc. Beatl Do	18 11	
	Jajpur	1,104	800	50	Seeli and mandia	16 ,,	
	District Total	3,63%	1,866	305	1	About 18 annas.	
Belesoro	Bhudruck	1,150 9v8	670 720	36 140	Beali Do	18 annas 16	Deficient rainfall affected the crop.
	District Total	2,046	1,390	178	******	14 aprille.	
00000	Budder	1,180	780'880	74:093	Beali	}iéannas	The ploughing operations were rather in owing to scantly rainfall in May, and whe
	Khordhs	\$00.103	414'560	149:976	Beali	}16 ,,	rainfall was very heavy, and damaged the
	District Total	2,510-242	1,134'940	2181649	Mandla	14 annas.	J seedlings to some extent.
	D. 100				20.4		
Banaribagh	Giridik	3,446	1,280	268	Maria Maria Goundti	17 annes	The control of the barrier
					Und, baral, ghan- gri Sathi, gora	17 Ballino	The crop was affected a little by excessi- rainfail at both the ploughing and sowis time.
	Head-quarters	4,278	9,000	688	Maria	1	
					Goondil Urid Harai	1	
					Ghangri	)15 .,	
					Gora Digha	}	
	District Total	7,021	3,878	1,164	114.484	10 annaa,	
Lohardu <b>gga</b>	Sudder	7,786	1,678	274	Gora	16 avuns	
					Goondli	15	The rainfall was favourable to the crops.
					Barai Marua Badi	18 ,,	
	Polamow	4,300	2,130	498	Malae	]	
	V				Kodo	16	
	Pol a 1 a 10 a 1				Goondli	J	
	District Total	11,014	7,803	700	400.00	16 an nas.	4 .
Manishoom	Gobindp@e	808	200	20	Maiso	13 annes	Maize was slightly injured by rain in the ear part of the year.
					Goodli Kheri	16 ,,	
	Sudder	8,344	1,900	190	Maine in in	16	
		3			Gora Biri Kodo	18	
					Rheri	}10	
111	District Total	4,147	1,493	149	*****	About 16 annas,	
diagliboom	Kolhan	1,946	973	450	Maize		
					Rawan Kodo	10 appas	The option would have been a humper on but for a slight deficiency of rainfall toward the latter end of sloptember and beginning
	Porahat	000	267	61	Marua	}	October.
	Dhaibheem	2,167	578	148	Urid or bigt	} 15	
		4,107	3,0	-	Moong	18 ,,	
					Maise	)	
	District Total	3,753	1,793	684	002301	17 apnse.	100
	GRAND TOTAL	184,919'718	87,686*280	23,748*949	otesto	010-61	
	BENGAL.		-				

# Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 29th March 1890.

	No.	District ar		Rainfall at Sudder Stationin inches.	A sh same
BE	NG.	AL.			
		Western .	Districts.		
	, 1	Burdwan	March 29, '90	Mil	Weather-warm. Ginger and til are being sown, but rain is wanted for til Pressing of sugarcane nearly over. Prices of common rice:
					Burdwan 16
					Culna 15 per rupes.
					Banigunge 19
	,	Bankoara	, 29, °90	Nil	Weather—hot. Rain wanted for cotton and fil, and for ploughing of fields for next sugarcane and rice crops. Common rice 21 seers per rupes at Sudder and 19; seers at Bissenpore.
DIVE.	8	Birbhum	,, 29, '90	Nil	Weather-hot. Wheat, gram, and maserri being gathered; outturn 12 annae. Rice selling at from 16 to 20 seers per rupee.
BURDWAN DIVE.		Midnapur	., 29, '90	16.17	Weather—getting warmer. Nothing to report about the crops. Land is being ploughed in places. Indigo doing well. Silk coccous sold from Ms. 24 to Rs 30 a maund at Ghatal during the month. Prices of common rice:—  Sec.
					Contai 20
			j		Tamluk 16 por rupoc.
	5	Hooghly	,, 29, '90	Nil 0:00	Temperature rising. Strong cast winds. Prospects of crops astisfactory. Prices of common rice:
		2 continue	***		8ra. 8udder 12½ )
				-	Jehan-bad 17 Serampore 16
1		Howeab	,, 29, '90	3617	Weather-rather too warm for the season. Rain much wanted.
		Control Di	etricle.		
		24-Pergbs. M		NII	Wenther-very het during the greater part of the week. Want of rain has
ĺ	0				retarded ploughing for the early rice crup. Bain also wanted for the benefit of such crops as there are on the ground. Price of common rice 15 to
	7	Nuddea	,, 29, '90	NII	17 seers 94 chittacks per rupes.
	7				vation of land for early rice proceeding. Hain much wanted,
IDENCY DIVE.	8	Khoolsa	, 29, '90		Weather-hot. State of boro paddy good, and of rabbi crops, the harvesting of which is going on, fair, but rain is wanted for ploughing.
Paredi	9	Jessore Narail	" 29, °90	Nil 0:23	Weather-hot with a good deal of south wind. Rain badly wanted for cultivation. Ploughing for early rice, &c., has commenced.
	10	Meorsbedabad	, 29, '90	Ni	Weather-hot. Harvesting of rubbi crops continues. Lands are being pre-
1	11	Dinagepur	, 29, '90	Nil	Weather—hot with strong west wind. Sugaroane pressing continues. Land so being prepared for sugaroane and bhados. Prices stationary.
ı	12	Rajshahye	., 29, '90	Nil	Weather-very hot and dry. Rain hadly wanted. Rubbi crops giving about 12 annas outsurn. Tobacco outsurn only 8 annas all cound. Preparation of lands seriously retarded for want of rain.
i	13	Rungpur	,, 29, '90	Nil	Weather—soltry with very high westerly winds. The reed for rain increases daily Aus rice and jute sowings will be seriously prejudiced should it hold off much longer.
	16	Bogra	,, 29, '90		Weather—hot and dry, with west winds. State and prospects of crops satisfac- tory. Pulses are being harvested. Sugarcans is being cut and pressed
5/		Nowkhilla		0.10	and the new crop is being transplanted. Ploughing for one rice, jute, &c., is going on. Common rice is selling at 18 seem per rupee.
1					Weather—hot. Cold-weather crops fair. Ploughing for next season going on.
THE PARTY OF THE P	15	Pabus	,, 29, '90	NO 1	
a a wanner	15	Pabns  Darjeeling	, 29, '90 , 29, '90		Prices keep high.  Weather—getting daily warmer. Rain is badly wanted. Potatoes and binots are being planted. In the Terni lands are being ploughed for the bhadoi crops.

	No		and date of "turn.	Rainfall at Sudden Station in inches.	Character of the weather and state and prospects
B	ENC	Al-concluded.			
		Eastern	Districts.		
		Dacca	March 29, '90	0.04	Weather-hot and fine. No rain in the Narsingunge subdivision. Mustard and pulses nearly harvested. Horo paddy thriving. Cultivation going on for early rice and jute. Fodder is available. Common rice 13 to 16 scera per rupee.
DAUCA DIVE.	1	g Furroudpur	,, 19, '90	Nil	Wenther—hot and close. Harvesting of rubbl crops continues. Prospects of burn paidy fair. Land is being prepared for jute, one, and aman, but rain is badly wanted. Prices of common rice:—  Siz.  Sudder 14)
_		Backergunge	. ,, 29, 190	NII	Gualundo
	1 8	Mymoneingh	,, 29, '90	Nil	Weather—hot with foggy mornings. Prospects of crops good. Common rice sells at 18 seers 14 chittacks per rupes.
		Chittagong	90 104	Nil	Weather-seasonable. Chillies theiring.
	1 22	outers out	,, 20, '90	7411	
SR. Jer					
PRITTAGONO DAYS	28	1997 A	,, 29, '90 ,, 29, '90	NII	Weather—warm and cloudy. Harvesting of all rubbi crops, except chillies, completed. Preparation of soil for one going on Common rice is sold at from 13 to 18 seems per rupee at head-quartees and 17 seems at Fenny.
A	34	· · · · · · · · · · · · · · · · · · ·	,, 27, 80	2011	Weather—unsersonably bot and dry. Birro dhan ripening. Juce and and being sown. Chilles being gathered. Rain wanted for cultivation and crops.
Cal	1 25	Chittarong Haracte.	ill ,, 28, '90'	Nil	Weather—very bot throughout the week; cloudy with variable winds, mostly south-east. Jam cutting still continues. Sugarcane being transplanted. Gathering of tobacco and chillies commenced. Firs', second and third class rice being sold at 11 seems 7 chittacks, 13 seems 5 chittacks, and 16 seems per supec sespectively.
RR	ндн	Hill Tipper-h	,. 29, '90	Nil	Wenther—cloudy and unsettled. Lands still being prepared for sowing one paddy. Jums being burnt in the bile.
	26	Patna	,. 29, '90	Nil	Weather—het. Harvesting of rabbi crops still going on. New wheat, gram, and peas are being brought into markers for sale; outturn estimated at 12 annas. Cheens is being sown in the Behar subdivision. Prices of food-grains almost stationary.
	37	dyn	,, 20, '9t-	Nil	Weather - hot. Rubbi crops are being harvested. Prices of food-grains sta-
	28	Whithwood	., 29, '90	NII	Weather - mornings cool, days getting hot; westerly wind provails. Harvesting of rabbi crops still continues, but almost o mpleted. Sugarcane is being planted. Frices stationary.
Pares DIVE.	26	Durbhunga	,, 29, '90	Nil 1	Weather—strong west wind prevailing. Harvesting of rubbi not yet completed.  Paddy and mang on chur lands are being sown; those sown before are g-remusting well. Prices almost attationary.
PATE	80	Mousterpar	,, 29. '90	Nil V	Veather-warm. Strong west winds in day time. Rubbi havest continues; nearly completed in the north. Paddy, many, and cheens being sown.
	31	Sarun	,, 29, '90	Na V	Collection of opium completed; outturn somewhat less than usual.  Veather—fine and dry with strong west winds. Cool mornings and evenings.  Indigo sowings normal, but the crop is doing battly. Poppy about a 10- anna crop. Reker, oat, gram, and lined 16 annas. Rubbi harvesting completed.
	As	Champarus	,, 29, '90	Nil V	Veather—days hot, but nights cool. High west wind blowing. Harvesting of rubbi continues. Open collection almost finished; estimated outturn from 12 to 13 annas. Weighment of opins begins from 7th proximo. Indigo growing. Sowing of paddy, cheens, and mung progressing. Prices of foodgrains casy.
	88	Monghye	., 29. '90		eather—dry and het. Strong westerly wind prevailing. Harvesting of rubbi- nearly completed. Prices of food-grains stationary.
14.30	84	Bhagulpur	., 29. '90		eather—hot, strong west wind prevailing; cloudy at times, but no rain. Harvesting of rabbi still in progress. Outturn of linaced and wheat estimated at 8 annas.
Buscel, wan Brys.	38	Porneab	,. 28, '90	Nii W	enther - strong westerly winds in the day; nights and mornings cool. Tobacco ha-vested; outturn 12 annas in Kishengunga, but somewhat less in the west of the district. Rubbi crops being harvested with fair outturn. Bhadai
Russer	<b>8</b> 6	Maldah	., 29, '90	Nil W	and jute cultivation progressing favourably.  eather—hot and dry. Strong west wind prevails. Harvesting of cubbi crops continuos; an average outturn expected. Itain much wanted for horopaddy and for preparation of lands for bhadoi and winter sowings. Prices
	87	S nthal Pergha.	,, 30, '90	NII W	of common rice slightly risen. cather—getting hot. Harvesting of rubbi complete in most parts, cather—getting hot. Harvesting of rubbi complete in most parts, cather—getting hot. Harvesting of rubbi complete in most parts, cather—getting hot. Harvesting of rubbi complete in most parts, cather—getting hot. Harvesting
-					and the second sections and the second sections and the second section and the second section sections and the second sections and the second section sections are sections as the second section sect

	No.	***************************************	and date of ture.	Rainfall at Sudder Station in incues.	Character of the weather and state and prospects
H	1884	h.			
TAR.	18	Cuttack	March 39,	'90 NII	Weather—mornings foggy, days hot. Standing crops in some parts of the Jajpore subdevi ion, as well as in the Banki tensil, have been damaged by hard-storm. In other places prespects continue good.
CALLERA LAVE.	80	Pontes	,, 28,	'90 Nil	Weather—seasonable. Lands are being ploughed for the ensuing sarad crop  Mung is in pod. Prices of row stationary. Banpur police reports the appearance of a kind of white insects doing injury to the mung crop.
	40	Balasure	,, 29, '	90 0.28	Weather—seasonable. Fields are being ploughed all over the district. Some 160 coolies are employed on the relief works opened by the District Soare near Telpoda.
H (	ATC	NAGPORA.			
	Soul	h-West Front	tor Agency.		
	41	Hasaribagh	March 20, *	90 Nil	Weather—sessonable. Molws and mange promise well. Poppy has act yielded so well as expected. No other crops to report about.
	48	Lobardugga	", 29, °1	90 Nil	Weather—days hot and nights cool. Rubbi harvesting nearly finished. Yield of mustard 8 annus in Palamow, where mobius crop also reported to be not very successful this year. Sugaronne progressing.
	48	Singhhoom	, <b>2</b> 9, '1	0-03	Slight rain. Weather getting very hot; clouds come up almost every evening. Reports of crops, particularly mokes, excellent from almost every quarter.
1	64	Manbhoom	,, 29, 1	0-01	Weather—seasonable. Wheat, barley, and uram ripening; average outturn 10 annas. Coarse rice selling at from 18 to 22 seess per rupes.

Published for general information.

CALCUTTA; REVENUE DEPT., The 1st April, 1890. P. Nolan, Secy. to the Gort. of Bengal.

#### Results of the Meteorological Observations taken at the Alipore Observatory from 23rd to 29th March 1890.

1			8	Dotor		TEMPER	LATURE.			Hyonom	RTAY.		WIND.			
Month.	Date.	Maximum in sun.	Number of hours bright sunshine.	Mean pressure baro at 32 Fahr.	Mean	Maximum.	Range	Minimum.	Mean wet built.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.	Hain.	Weather.
1890.		0		Inches.	0	0	0	0	0	Inches	0	1%			Inches.	
March	23rd	149-6	10.8	29-099	85-4	96 7	23-2	78-6	74.8	0.724	69-6	63	NNW and 88W	72	Ni	Clou. A.
,. !	24th	149-9	9-9	721	85 -8	97.5	22 5	75.0	78.3	-867	74-9	78	88W and caim	72		Clear A.
,. I	25th	149-9	9-2	-670	86 19	98.5	21 -4	77-1	79 2	-894	75-8	72	89W and W8W	104	***	Morning cloud; day and night
., [	26th	151 -5	9.2	693	86:7	99.3	23 · 1	76-12	76-4	-778	71-6	66	Calm and variable	45	***	Clear, A, ==
ga	27th	160-5	9-1	-729	85.5	97.9	<b>23</b> -3	74-3	74-6	716	69 2	63	Calm and variable .	49		Morning partial ly cloudy, da and night clous
11	25th	149-8	9-4	.765	86 0	98-9	28 7	75-2	75-5	748	70-4	70	WSW and S	96		Chiefly eleas
, }	29th	162-6	9-0	763	87.0	100 8	23 7	77-1	75-1	711	69-0	5.5	W and variable	84		Chiefly clear,

				Inches.
The mean pressure of the seven days				29.720
The average pressure of the corresponding period for	24 vears.	SG.'s Offic	00	29.776
9.1	,,			Hours.
The total number of hours of bright sunshine		4.9.0		66.1
The maximum possible number of hours of sunshine			***	85.4
A TOTAL OF BUILDING				C
The mean temperature of the seven days				86.2
	6 01	9 11 7-1	0/8	83.4
The average temperature of the corresponding period	101 24 Aes	urs, DU. s	CUITOR	
The extreme variation of temperature	0 6 6	9 0 0		27.3
The maximum temperature	+ 9 0	6.00	804	100.8
				Miles.
The highest velocity of the wind in one hour	4.5.4	***	101	10
		***		lba.
The highest pressure of wind on one square foot			Not mea	
THE WINDS IN MANUAL OF ONE PARTY TOOL	0 0 RE	< 0.0	Ziot inco	
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				9/9
The mean relative humidity	191	***		64
The average relative humidity of the corresponding	period for	24 years, S.	-G.'s	
Office	1 4 6			66
		***		Inches.
Min 4-4-1 fall of min from 00-1 4- 0041 May 1, 1000				367.13
The total fall of rain from 23rd to 29th March 1890		111	+ 0 0	Nil
The average fall of the corresponding period for 24 ye	eare, SG.	s Office	***	0.50
The total fall from 1st January to 29th March 1890		+ 0 0	* * *	1.10
The average fall of the corresponding period for 24 y		's Office		2.77
man many to the first the				J (17)

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the remometers are verified, and the readings have been corrected to a standard constructed and verified at the WODS of the very constructed and verified at the WODS of the very constructed and verified at the work of the very constructed and verified at the very constructed and very constructed ve the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No 86, formerly the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcust, a dew, - fog.

C. LITTLE,

For Meteorological Reporter to the Goot. of India.

TROROLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 31st March 1880.

# Meteorological Report of the Province of Benga

					-					STATI	DN OB	BRRYA	TIO	NS.			
			A	ta Phine	van.	· ₩:	тир,					Тим	PRR4	TURB.			
Du	TRIOT.	Representati	Mean harometric beight, 8 a.m.	Mean reduced to	Variation from	Prevailing direc-	Mean wind ve-	Highest during		Date.	Lowest during week.		di sele	Ven maximum	Mean minimum Imperatere of	Men daily tom-	Variation from portrait ment
Pourse	001 631	Poorce   Gopalpore   False Foint	29:74 29:77 29:77	3 29 798	081	CONTRACTOR STATE		86"7	27, 9	18	7816 7716	28, 24		86'1	7910	5 H9 4	
Outtack	***	Cuttack	\$9.72				874'0		-		75.0	1		00:0	7118	1	+1
Balasore		Halasore	29.72			-	10216				75'8	Sand	9.9	108:2	77'0	-	1
	Midnapore	Sauger Islan	d 19777	2 29 798	-101	W HS	326'0	97-1			76'6	1811:					
Noush 34-Ye		1			1								44	01.1	78 9		1
Midnapore 24-Pergunn		) serial marginary		20 100	- 000	8	191'0	107'4	zeth	41	7378	374h	4+	105.0	74'8	88 8	+6
Howrah Hooghiy	*** ***	Calcutta	20'771	29-794	000	Calm &	79'0	9914	27th	41	73.7	sard .	81	97'1	75-8	16'9	+3
Burdwan		Burdwan	20-473	991780	-167	Caim	48.9	108-2	26th		70'9	115th	0.9	200 5	73 8	8d P	
Bankoora	***	Bankoora .	20-479	39:781	1067	W	77'0	106'1	1013:		70.6	281h	14	101'7	78.6		1
Beerbheem Woot Burde	raso	Rancogungo	39:470	2918/16	079	NW	6516	108'5	Stoh		71'1	Sith	6.0	100-7	781	86.9	1
Voorsbedsb		Berhampore.	39'704	29-771	-111	Boutherly	113'0	105-3	364h		67 2	286h		1			+11
Nudden	001 11	Krishnaghur.		50'110G	000	WsW	117'0	108.7	2011	9.0	70-7	37th	0.6	100.3	70'5	65'8	42
Jenore	100 011	Jessore	291751	29:798	107					**			4 *	-			-01
Khoolna	)			1		Calm	8917	90-8	37th	**	78/4	#ård	14	98/4	76 9	167:7	460
Chittagons	ne ti	Chittagons	29/783	291 163	102	8SE	14210	881	284 in		78:0	find	* 0.0	117 II	75'7	81.9	+80
Chittegung		Demagiri	29:789	201403	-1317		25.4			not rec							
Hackergung		Barrisa		291633	-1000	Calm	1657	9318	W7th.	Mar.	7816	shen		9211	73'4	R3'8	+35
Noakholly Purreedpore	. 194 101	Noakholly	29:761	191804	-101	8	113.8	98.9	2413	4, 23,	78'4	Wind.	0.0	87'6	78-7	51'8	+23
Dacca	pa: 011	Dagge	20.78A	29 791	-116	88 W	1987	52.1		Mar.	70'2	##nd ##nd	11	60'3	76'1	8.A.9	+1.1
Commillab	444 -44	Committab	59:776	25.91E		Southerly	148'6	10.3	2 sch.	m	71173	E PRESE	61	9378	7.615	66 1	+3 +
Lymensoph	***	Mymonsingh	201723	2P 74E	-1194	HSE	95.7	94%	23th	Mus.	6718	23rd	11	93.14	75'4	0310	+3%
Hogen	was	Bogra	29.671	201735	-1124	ReW	166 0	30015	2664		6816	19th	11	89.4	71.8	52 1	+513
Pubma	401	Serajgunge	29:719	291766	-124	8	¥7°3	97%	geth		00.7	Sard	0-	91.19	63%	MA.T	+31
Rajohahye	*** ***	Rampers Beat	29'704	29"778	- 602	BW.	102'0	100.6	2:III		COV DI	246b		Dit-0	60°8	H3.8	+3:
duldah		Wwidah	\$91678	29 700	-1060	aw.	115'0	141'0	85th,	seeh	00.7.	251b		NO.2	69.2	64 b	+60
)inagepore	044 041	Dinagepore	19:300	29730	- 165	aw	26119	1:01	noth	Mar.	02 7	HALL:		te 4	tla:7	86 6	+34
lungpore	ado 41	Rangpore	191615	\$9.741	-1,15	W	61:7	97 8	26th		dx:0	gath		9014	0d*u	81.2	4 8 73
ulpizoree looch Behar	}	Julpigoree	1.1480	20 723	-1360	Ensterly !	105'3	95.4	201h		64'4/	26th	*	145.0			
arjeeling Hil		Darpeoling	22'411	-	_ 1	Variable	8007	60:1	zorb	"			0.0			73.3.1	+ 0.2.4
urnesh	}		291808	297725	- 142					6.0	45 0	Z-Brd		02.2	67:7	5.5	032
orth Bhagui		Purnoah .				Nontherly'	256G U		25th	0.1		24th	d.	96.7	6318	31 0	+40
osufferpore	+00 010	Morufferpore	20-571	29 742	. 6 % .				mtion	ensbett	sted.						
urbhungs	101 10	Durbhungs	29.513	25 742	-124	ALMAN,	243 0	9/8/8		Mar.	- F		>	95 6	>	1	11
ran . preserve		Motibari	191664	29'70-	- 1 0	WSW	38914	Dis.A	TECh:		67:4	Mind		9411	61.7	17'9	+13
12 419		Chupra -	3. 504	1	001	Min.M.	\$3/110	95'4		., 1		546 .		165	047	760	-61
nhabad	000 MO	Hukur Arrah	191837 29 570	25 Arki 55 Tein	~ '087 }	Westerly	1807	Ohn ry:	22 1 51 .	Alter ;	652 L	2011		95.0	0255-150	1000	-14
78		Gra .	191089	PD 810	- "1475	M.	135'3	Ser 3		200	67'3	rumja s M	6411c	\$16,70	4016 ]	80 7	115
100		Sankipure	\$ 1243	29'747	- 101	W	136'6			Mar.		72014	•	01.8	7011	98.4	+314
ath Bhaguip	0000 3		39-579	01-749			1	_ 1		*	07 m	640%	1.0	97 0	7112	884	+23
unghyr		Shagespoes				WNW	173 0	100.1	läth	**	68'0	Sth		Dela	7217	HB B	+ 3/3
uthal Fermu		Doomka	- 1		-'09a	N.W	11111	102 2	act p	+ 0 9	nu n	and .	]	09/2	7116	9317	+311
harduppa		finuscibugh		0		Vautoriy,	Sang	1/6791 1	Britis		66'8 8	Stud ,	**	04.1	60 B	61.5	+1257
PUTP -ORP		Ranchee	27 GA1	20 70%	-1061	NW A	140.3	1770	toth		6014 3	eth ,		96'0	60 1	9.10	*10 H
nebhrom		Chystrana	£91002	7811 00 ·	- '079	W	80.3	168 8 2	16621	1					1		-
			1	1		1.0	-	A 1101 10 10	20.00	3 + 1	71'0 2	ath .		10412	72'0	4410	+5717

• Means of six days.

The normal means of air pressure and temperature are uncarifulated average or means of the reading during the same period for the pressure of the normal means of the reading during the same period for the remarks of the results of the control of the control of the results of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the proof of uncontrol of the control of the proof of uncontrol of the control of the proof of the control of the proof of the control of the control of the proof of the control of the control of the proof of the control of the control of the proof of the control of the control of the proof of the control of the control of the control of the proof of the control of the control of the control of the proof of the control of th

for the week ending Friday, the 28th of March 1890.

				NB.	BRVATIO	HCT OBS	DISTR								
					PALL.	RAIN					or design () want				
Dietaiot.	Representative	number days.	days.	1899.	e 18th May	Sino	nth.	ice let of mot	Sin	YANK.	OF	week tation.	d emo		
	1	Normal nu of rainy di	Average nu of rainy di	Variation.	Normal mean.	Mean for district.	Fariation.	Mormal mean,	Mean for district.	Normal men.	Menn for dustrict.	Rainfall of observing at	Average cloud at 5 A.M. for	at 5 A.M.	
Process	Pooree Gepalpore Paire Foint	0.0	0.3	+ 20'66	67:13	77'59	+1198	0'07	8:03	9'17	0.10	Nil u.b Nil	0.5 4.4	40	
Outtack	Cuttack	016	0.2	+16.21	53.79	69:30	+ 0 89	1100	1189	0118	0.01	Nil	1.6	78	
Bulmacre	Halmsore	0.9	018	- 2.50	83'88	69'65	+1/31	1'18	2'40	0/32	0.89	0.90	0	77	
South West Midwess	Baugor Island . {	0'5	07	-6106	64168	59197	+0143	0.50	1.83	0'19	0'01	0.03	313	- 1	
South 14. Pergunnaha	Midnapore	0.9	000	-6'87	22 65	47:42	-0'39							85	
Midnapore	(				1000	41.02	-0 30	1.63	1:08	4183	Mi	Ril	0	86	
26-Persuanahe Hewrah flooghly	Calcutta {	016	0.0	+9150	89,10	84100	-0.90	1'19	0:50	0.19	Nit	Nil	018	95	
Burdwan	Burdwan	0.7	0.0	-0'41	4A RO	44.40	-0*66	1.14	0100	0.38	Nit	2011	0		
Bankoosa	Bankoora	0.9	0.0	+2*85	63797	56'81	-0.01	0106	0.86	0'21	Nil	Nil	014	63	
Hearhlingen	P	0.0	010	-0.01	53:16	53"1A	+0.13	0.20						41	
West Burdwan				1				1	0.90	0.12	Nil	Nil	0	47	
Moorehedabad	Herhampore	017	0*0	-0.84	68:13	01149	-0147	0'79	0 82	0.55	Nil	Nil	0.3	61	
Nuddea	Kruhnaghur		(ITD	+ 0.90	81162	83'62	-1'05	3:66	0141	0.44	Nil	Nil .	0'7	63	
Khoolna	Jemore {	1.0	000	-1.16	30 15	64196	-1761	1'8\$	0.81	0'65	NH	Nil	47	80	
Chittagone	Chittagong .	3.0	0.0	-13'87	116 37	102 90	+0179	1.76	8'36	0:43	NII	3613	4'7	86	
Britiagong Hill Trant	Demagira	1.1	0.0	-15*04	68.89	6)16,18(1)	+1755	2144	4190	0.74	Nil				
Backergunge	F3	1.0	010	-0.00	70'81	7891	-1.52	1'75	0 80	0 42	24.53	201	89	96	
Noakholly	Nonkholly	1.0	9.9	-17ms	111'33	SISTEP	013-9	3:16	2.80	0.22	0186	1'15	017	88	
Purreedpore	Farrendpore	1.0	0.0	+ 4'33	\$40 tsbit	63161	0"3";	2136	1189	0.01	NI:	0.03	19	00	
Dacon	Paoca .	1'2	1.0	+16169	63145	77'94	-0100	2 65	1.75	0 '93	0.10	0105	619	50	
Topperals	Commilial.	172	0.0	-15.48	73'98	53'44	-170	3 50	1.#3	1'04	MII	NII	47	18	
Mymenelogh	Mymenningle .	111	0.2	+ 21 13	70°15	91'20	+0165	114	8.70	0 76	0.12	0106	6.1	2	
Hogen	Bogen .	1.0	8"8	+7136	80.69	00.20	-0.89	1102	0.77	0.01	0.00	0"10	21	46	
Pubna	Seem presings	U 6	0.0	+1'68	55'73	87.35	+0 64	1 33	1.01	0 6: [	MI	Nil	279	83	
a assimble	Rampure Beautenla	UR	0.0	-1:00	55749	84 63	-0183	0.81	0104	0162	NII	Nii	1/1	51	
Maldalı	Maidab .	0.4	0.0	-15.87	88 27	39 90	-0 53	01411	0.11	0.10	Nil	Nil	0	42	
Dinagepore	Вимуфроте	6.0	0.0	-0 1/1	56'66	37:63	-0.32	0.90	0.09	0.54	Nil	Nu	016	60	
Rungpore	Rungpore	U.Si	0.0	4 10.33	70:56	B-29 R21	- 1'#5	1'au	20'0	0.90	Nil	NII	0	63	
Julpasoree	Injbikotea {	1.0	0.0	+ 6151	11 4185	117'79	- 1'05	1'61	0.00	0.84	54	Nii	0.8	43	
Darjeeling Hill Trans		1/8	0.9	+9.10	193 76	133163	-1107	1174	0 07	0176	0.03	0108	0	87	
		0'6	U to	+ 15'00	89:01	73 95	-0.29								
Purpeah North Bhagalpore								0143	0 08	0113	8.1	Nil	016	42	
Mozufferpore	Mozufferpore .	0.3	0.0	+ 4 '5"	44135	48'92	-0.44	W*42	U'8/7	5*07	201				
Durbhunga		0.5	0'0	+0170	61 42	64:11	-0.54	0.30	8010	0103	NII	Nil	07	06	
Chumparua		0.5	0.0	+16'88	67.53	40'38	-0.81	erad	9.12	0106	Nii	Nil	2'0	67	
Saruts	Deirer	0.0	0.0	-3 36	4.1163	40 30	-9 23	0°20	(1", "	10'0	Bisl	Mil	0.0	81	
Shahabad	Arrah	0.8	0.0	-0.20	8/1/85	40149	0	0.90	0.40	0.03	Nil	Drupa Nii	515 616	In Sa	
Gya		6.5	0.0	-8'03	4: 87	87:34	-0.08	0.83	0126	0.04	Nal	2011	811	In	
Patns		0.2	0 9	+1'61	47.01	49.01	-0.10	0.28	0.19	9104	Ntl	Nil	111	- 63	
South Bhagulpure Monshyr	Bhagulpere {	0.5	0.0	-1'43	63796	49163	- 0 21	U187	0.00	U*04	Nil	Nii	11	31	
bonthai Pergunnaha	iroomas	0.3	0.0	+ 8193	51.70	V 0.081	-0 08	0.80	0140	0.08	No	Sin	0	23	
Hazaribagh	Hanariongs	0.3	019	-8.18	81 %3	84/64	-017	9.75	0.91	0108	Nil	NII	1/6	31	
Lovardugen	Kanobi	0.4	0.0	-9°55	80'61 68 62	#1 03 89127	+ 0100	0.74	1 60	0 117	NII	0.02	0	62	
Singhboom			1.0	- 3.61		1		Q:76	ועיט	617	26 (1)			11	
	1	0.3		9 01	53 45	461,319	4 0108	\$193 !	1 49	0.11	0.511	0.04	0.4	31	

Thers. The variations are separate when the mean for the week is less than the corresponding operation and positive when greater the mean are separated as some representations of randal the normal means are separated as some representations of randal the normal are respondent as a separate of the randal return received in the district, i.e., from sates randal at the study are re-

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 28th of March 1890.

					R	ATHPALL				_	PAL		Average	Total rain-	Average
Meteorological division.	District.	Station.	Saturday, End March.	Sanday, 23rd March.	March. 54th March.	Tuesday, 26th March.	Wednesday, 96th March.	Thursday, Stub March.	Priday, 26th March.	Number of	Rainfall of	Total rain- fall since lat of month.	total rain- tall from tet of month.	fall since 18th May 1880.	rainfell from 1nt May 1q date,
ORIGIA	Pooree	Pootee				200 454		000114	800111	Nil Nil	Nii Nii	1'88	0°47 0°76 0°05	89:03 8:191 70:03	82'46' 87 (*)
		Bannur Paige Point	00117	\$	*****	0.38	gr		14	Nil	N11 0.32	5 13 0'58	0.79	77:08	80°6
		Salpara	******	******	\$00.000 \$00.000		100 401	DEF 044	P01 101	NII	N13	0.71	2		7 9
	Cattack	Jagatoragpure			*****				64-100	2011	N41 0:20	1-70 3-166	0'78 1'24	76'19 £11.43	48 41 51'41
	0 4 4 4 4 4	Bank		0.10		***	100004	*****	00+104	Nil Nil	NIL	8198 0128	1:18	77 08 72 HZ	881 M8
		Kendrapara Jajpore Dharmanie	*****	Beccor	***	650-F			11100	No	Nil	0'99	1:18	75'70	86169 P
		Nalspore	*****	*****	u 924	441.4		******	101107	26.83	Nil uni	0.02	1.00	85*71	Bares
	Balmore	Chandball Hhuddruck o.	0.10	***	*****	404464	******		0 10 10 10 10 10 10 10 10 10 10 10 10 10	Nil 1	0.30 2.11	216 1181	1:94 1:85 1:86	47186 47186	8-8 3st 6-3-11
		Ralanore	4884	0.38	10		49190	******	107.44	1	0188 0177 0108	31P 474	0.89	44 48 84 48	70°66 55°56
		Baripodab	0106	0*61	*****		1000	***	000,000	1	0 01	8.80	0.18	87168	63:3
BENGYF.	Midnapore	Contai Saugor Island		0.03	****			404	******	Nel	0.05 N il	0.80	0 80 1 57 1 36	87 167 80 30 47 16	90.00 90.00
		Mainapore	*****		*****	******	4441		***	No.	Nil Nil Nil	0 100 1 29 0 763	1'32	64 58 64 77	81:16 80:71
		Kulvahaty	800111	19110-		99.66.	00010	101 DA		Nil	Nii	4:77	1	81'08	1 5
	24-Pergunnahi	Diamons Har-		**	096	** *90	7000	ARTY		Nil	NB NH	0°00 0 117	1:16	64169 68 13	61'37
		Canning Town			400	******	111.040	******	*****	Nil	Nil	0.11	1'02	8 - 25 62 61	68 74 52 27
		Barrack pore	200.000	. 1777	14	******	******	111.00	pperes	Nil	Nil	0'37 0'38	1:27	05 HB 85 80	35.10
		Buseerhat	10.00	*****	00-000	101111	******	*****		Nii Nii	Nil	0.40	1 63	05 57	27 (a) 84 93
	Hawmb .	Howrah .	*****	700.01	001100 151100	*****		*****	10	Nil	Nil	0.63	0.142	89.93	91 30
	99 3-1-a	(Colobertah.)		***	904 / 04	6964×>			,	Nil	1841	9.90	0.88	66'10	50 to
	Hooghly	Heaghly in	*****	****		ART one	10010	200000	4444	Nil	Nil	0.28	0.88 3.04	92 84 24.11	80'61
	Hardwan	Cuina		101-04		10-270	mge 244	*****	100.001	Nd Nil	Nil	0.59	1:24	43194 48100	48 VIT
		burdwan	180.11	144.00°	88414	200.100	******	**************************************	001781	NII	NII	8 51 2'06	0.61	68 02, 56 94	40°97 50°88
		Ranswgunge	***	64	****	9014X1 VEV.001	****		4 563	Nil Nil	Nii	1.13	1:22	8 4 23 51 (m)	P
	Bankoora	Bankoora	*****	baster.	411.40	0-00 TT	10000F	*****	101101	Nil	No.	0.28	1.23	\$6.43	63°54 64°47 63°54
		Maliara			100 004	40004	00-11-	14.41	40x 2x4	Sil	Nil	0.52	0.71	\$8100 86 68	85 54
		Indaa	*****	10-107 111-100	00110	pp1=00	**************************************	****	***	Sul	Post 2011	2.01 0.40 1.17	-	51 n1 66 84 69 84	
		dada Gangajalghati Kaipore			101 001			00000	******	Nil Nil atl	Nii Nii Nii	1.35		80 60 84 79	1 2
		Youamuhhi	-gasete	* 23847	- y + d+	>=0411	04144	4.004.04.0	******	Nil	307.63	0160	0.53	89 G8	.55°50
	Heerbbette	Mh. Soory		000 cm	******	42400	00111			Nil	Nil	0.49 0.49	0.41	47 76 66 15	35'65
		Rampero Haut Respore	41 par 604	#81 VV	****	755220 445044	Mar ops	*****	601-14 60-394	Soil	Nil	0.42	1	83 87	i
	Nuddes	Ranaghat	00000			000000	****	****	99+101	N11	NII	0.59	1.55	86'68 41'18	49°21 48°25
		Kubunghur Choosdanga Meharpore	AD 900		800 UF	0-20-1	******	******	100107	Nii Nii	Nil	0 28 0 30 0 60	3 36 1 74	83166	83°46 89°29 67°18
		Scouliten	, 100	040000	*****	proces	100000	400 10.	24	Nil	Nil	2011	1.80	54'84	87.99
	Khooina	Satkhira Bacirhat Kharina	0.00	10100	403.03 403.03 600.04	000000 000000	00-000		*****	Nil	Nii	0:30	1.99	83 48 87 11	8134
1		Nakipur Rampai	0.49	*****	100.14	000000		1.74	10111	Nil 1	Nil 0:43	NII 0'73	7	7	7
	Jacobro	Sarail	84 5 664		******	201203		******	121 100	Nil	Nil Nil	0.38	2107	82'89 66 25	65 90 87 66
		Josaure Jhenidah Magoorah	1989	## 10	10117	000001 000001	******		*****	Nil	No.	0.10	1100	80 1/6	86°66 62 19 86°58
		Ronford	*****	*****	48 500	464000	,001	******	40 ***	Ni	Nil	1:20	0'71	47'04	82109
	Moorehedabad	Kandi Barliamporo		##E c pa		*******	#11149 #1199 #1199	###**** ###***	400 251	Nil	N:1	0'91	0 00 0 %7	60°48 67°18	83 % 82 % 82 %
		Aringunge Jungipore	30000	08 -1 	201011	*****	00111	884	14	Nil	NII NII	8.98	0 41	85-34	20 92.38
		Laigain	04/05B	***		204 601	******	-4	******	NII NII	Nil Nil Nil	0.08 0.18 0.09	0 77	40 48 40 48	. ?
		Akhrigunj Pathabari		11111		101010	001720	*****	775.000	Nil	2011	3011	1	?	187165
tes linnest	Chittagong	Cos's Basar Chittagong	4.0	21 188		411-02	*****	******	00+144 000×14	Nil	Nil	2113 2 140	1'08	70 70 70 70 11 170 6	97:51
		Kutubata	48071	******		A 60	191101		121 00	Nil	Nil	1 00	1	08 80	9
	Unittagong Bill Tracts.	Rangamati		****	wa		441994		2017	Nil Nil	Nit	4100 8197	9146 8 38	71:17	87.49 83.60
		Rusos	6	*****	490111							0.89	4.45	87-91	PATTO
	Hoobergunge	Patrakhally	0.00***	-00100	640 230	061111	*****	******	121000	Not Not	Nil Nil Nil	0.10	1-47 5 09 9 16	72:75	70 P
	1	Hiptip	171.004	*****	001171	414711	000	10000	000 200	Na	Bil	0.84	2 07	80:96	

ement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 23th of March 1890 -could.

					P	AINVAL	Ľ,			To	TAL.				
mioriosi miun.	District.	Station.	Marvillay, 22nd	Numday, 22rd	Monday, 94th March,	Trenday, 23th	Wednesday.	Thursday, 27th March.	Friday, 28th March.	Number of reing days.	Rainfall of greak.	Total rain- fall since 1st of month.	Average total rain- fall from lat of month.	Total vain- fall since 15th May 1889.	Average ravital from 18th May to date,
prid.		Gourneddi	400404	400007	14 41		012070	*****	1920, 3	Nil Nil	Nil Nil	1:85 0*07	7	62°98 98°10	
	Neakholly	Nonkholly Penny Hartuhpore Ramganj	1.18	*****	16160	001 104 001 104 104 1	******		******** ******	Nil Nil Nil	Nil Nil 8/10	8:00 2:40 2:05 0:50	3:05 3 (3) 3	105167 81 65 87 87 25	111-76 111-17 1
	Furredpore	Madar boro	**************************************	*****	19777- 19777- 197777	1-1-00	*****	,	*****	Nil Nil Nil	o Nil Nil Nil	0.20 1.01	2 4 1 2 4 1 3 10 J	20.01: 02.37 02.16	89'03 00 27 00 03
	Dacon	Uni-bridings Press Nontheringe Joydobpare	0.03		000000		0.33	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*****	Nil Nil	0138 0104 0107 Nil Nil	2:10 2:61 1:12 1:19 0:71	3 07 8:74 1:02 1:85	70 7 79 64 1 82 6 70 74 64 20	7 s 10 02:27 63 56 62 7 J
	Hill Tipperal. Topperah	Acartola Comilla Chandparo Bratinimi boma hamehandra	78334. 7844. 7844.				**************************************	101000 1011111111111111111111111111111	### ### ### ### ###### ######	NII NII NII NII	NO NO NO NO NO	8 79 0:29 1:19 2:10 e:68	4:03 5:80 2:68 4:33	48116 63126 67 7 85 24 61147	66 61 87 35 75 36 67 34
		pore, hasrnogar Unwikandi Kusha Laksham	0.90	- 12 ye x 640 - 1 - 54 perd 54 - 114		******	000 + 10 000 + 10 000 + 10	**************************************	*****	N N I N I	0'40 N.1 N.1 N.1	6°63 8°11 4°66 8°85	7 7	89 04 43 7 1 63 10 72 3 1	7 9 9
	Mymenalistle	Kinhorezunee Atia (Tingail- Myura singh Jamelpuro Natri kana Subornakhally Purpaporo Sherepore Town	0 63		**************************************	**************************************	00000 - 4441,			NII NII NII NII NII NII NII NII NII NII	Nil Nil Nil Unb Nil Urbu	3 01 1 34 2 18 1 105 4 R0 0 17 1 54 0 100	2.70 1 39 2.01 1 69 2.08	73:81 64 65 1c0 11 67:09 151 6 65 21 152 12 22:56	73 dq 51 mg 77 mg 60 mg 75 mg
lentn	Pulina	Pubpa	*****	1200484	**************************************	044	******	*****		No So So	No.	0.18 0.71 8.30	1:67 1:48	60 20 60 91	86 a
Heyr-	Bogern	therapore . howkinia	0.08	6-16 6-06	**************************************		# 100 mm	** *** *** *** *** *** *** *** *** ***	**************************************	Nil	N (1 0 10 1 0 (6 0 08	0 03 1 64 6 76 6 741	1 35 1 10 0 78 0 86	62:70 64:71 72:80	50 70 50 10 50 10
	Anjah diye	Busiesh Nattori Nauguon Laipure	****	22 / ( ) 20		**************************************	**************************************	00000	**************************************	Nil Nil Nil Nil Nil	NA NA NA NA	N:1 0:15 0:15 0:08 N:1	07n 0 44 1 18	66139 46134 851 97 87 97 36175	57 03 54 10 56 44 5, 01
. 7	Maldah	Ma dab Chareled Selvent	70	V)	010-03 141-04 -5 70*	40	141	***** ****** ******	444.00 444.00 444.00	NII NII NII	NII NII NII	0:21 No.	0.25	80 %0 25 96 30 79 50 11	83183 6.100 7
	Humanpore	Mohadebpore Churamon Raigunge Dinacesure Italiserathat Thakoorgaon	****	881	**************************************	\$00000 000000 00000 00000 00000 00000	000 01 - 000 - 000	**************************************		No.	Nil Nil Nil Nil Nil Nil	0/19 Nil Nil Nil	0 65 0 42 0 41 0 86 0 86 7	8* 41 61 '82 82 '87 (8 %) 61 2 '	87 68 37 37 54 73 44 15 82 37
	Aungport .	Buswanigunge (Opshowde) Rungpero Kungran	200000 1 200001 20000		0.00mm	40010	#11.000 #11.000 #11.01	1 46 yez 200 vo-		Nil Nil Nil	NII NII NII	Nii O'os Nii Nii	114 110 113	88:3p 75:04 91:51	70 kg 76 27
	Jainigates	Renderen (Nilphamari: Uispore	- ***		*****		98.001		**************************************	Nal Nal	No.	160 No.	1 60	68149 60185	80 dS - 9
		Alipore Door Paligeotta Debipanj Ilhapatpore (Augrahatta).	484 484	11711	######################################	****** ****** ******	*****		494 * 455 * 44	Nil Nil Nil	Nil Nil Nil Nil	NII NII NII NII NII NII NII NII NII NII	1'50	115 78 125 9 10 12 10 22	# P
b	Conch Behav	Institute the Error by the Error by the Error between the Error be	0.10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000-00 1-7 		**************************************	**************************************	100.000 100.000 100.000 100.000 100.000	No.	NII NII NII NII 0°10 NII	Nil O'1	1:00 1:80 E:18 2:45 1:47 1:61 1:38	190 260 182 140 1197 16 1197 18 124 16 124 16 124 16 124 16 125 16 124 16	98/16 18//10 10 57 11//12 11//16 11//18 10//16 11//18 10//16
e halla	Furnesh	harman ha		#3+344 	1000 × 1000			**************************************	- 10x 4 CP - x -	NII NII NII NII	Nil Nil Nil Nil Nil Nil Nil Nil Nil Nil	Nd Nd Nd Nd Nd Nd Nd	0°60 0'50 0'3; 2	170°23 10°27 76°75 63°62	71'01 64 71 85 33
	North Bhegul- peru	Balarampar. Malarampi Kairamanj Maddapana Negonii Protobpanj	**************************************	******	300000 300000	00d / 1		4-201 2-201 2-201	111 11 11 11 11 11 11 11 11 11 11 11 11	No.	Not Not Not Not	Nil Nil 1000 Disco	0 35 0 33	60:05 67 ' 6 85 '16	20 B
	Durbhunga	Inspect Hadhubau! Hahere	+ + + + + + + + + + + + + + + + + + +	444.4	000000 000000 000000	10114 1 121114 141014 141014 141014	101110	490494 606749 69479 604709	**************************************	Nil Nil Nil Nil	NII NII NII NII	0:07 0:13 (e:05 0:13 0:18	0.21 0.28 0.40	62°01 62°01 63°61 70 00 86°89	67 Kg 40'57 87'97
	Manuflerpage	Hitamarhi M ruffet pore	00010 00010 00010	.,,,,,,	02 001	000 tot	(NA41 40V	900 + a a a a a a a a a a a a a a a a a a	*****	No.		0 0 0 8 0 11 0 17 0 20 N.I.	0.82 0.84 0.84	85150 45154 42141 87180	64100 60,75 48,75 48,75
		Hahna Rubar Papri	000711	007107	ed	00++11	******	000.00	504+ 1	NII NII	Nit Nil	0.24	7	48'48	1 2

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 28th of March 1890-

					1	LAIMPAU	les .			201	AL.				
Meteorological Division.	District.	Station.	Saturday, 22nd March.	Aunday, 19rd March.	Monday, 98th March.	Tuesday, 36th March.	Wednesday.	Thursday, 77th Barch.	Friday, Stite	Number of	Ratufall of	Total rain- full since int of month.	Average total rain- fail from let of month.	Total rain- fall since lath May 1889,	Av fro fro
NORTH BREAK -concluded	Примрагиа	Motihari Bettiah Bayaka	100 +00 100 +00 100 +00	******	200 ma-	000 000	******	090-00 090-00 000-00	******* ****** ******	Nil Nil Nil	NA NA NA	0°10 0°19 0°11 0°33	0188 0187 P	75'69 63'95 70'44 51'65	
	Gerun	Gopalgungs	******	(1220A 000H10	10 1000 10 1000	500	000000	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	******	Nii Nii	Nil Nil	0.14	0.18	88:73 46:43	
Aorta Brhan	Chahabad	Chuprah Bular Dehree Bhabooah Rasserain	000000 000000 000000 000000	001104 001000 001001 1 1100 100114 101120	000 000 000 000 000 000 010 000 000 000	000 + 00 1 × 1 × 10 1 × 1 × 10 1 × 10	000 00 000 00 000 00	734.47 10.100 400.77 -0.100 200.100 200.100	200 00 00000 100 0 100 0 00 110	NI NI NI NI	NII NII NII NII NII	0 11 0 30 0 50 0 45 0 45 0 45 0 45	0 '27 0 '28 0 '48 0 '83 0 '23 0 '29	60185 67:76 61:02 84(0) 80(8) 42:82	
	Оув	Aurungabad Gya Nowadah Jehanabad Aracel Poudwagar	200 000 200 000 200 000 200 000 200 000	000 - pq	\$00.000 \$00.000 \$000.000 \$000.000 \$000.000	000 00 7 00 000 000 000 000 000 000 000	0-4-4- 9-2-4- 110-7-1 100-104 11-4-20 11-7-400	0.00 **** 164 0H 0001.00	-000000 -00000 -00000 -00000	No No No No No No No No No No No No No N	NII NII NII NII NII NII	0°30 u°35 0°30 0°15 Nil Nil	0°84 8°51 0°40 0°85 ?	\$8:02 60:20 \$0:72 \$3:77 \$1:60 \$5:00	
		Shorrghati Rajauli PakriBarawan	444 40	00+40+	504 100 004 - 63 504 984	# pa ***	++++++++++++++++++++++++++++++++++++++	00×000 142100 00×114	******	Nil	Nil Nil	M13 6.68	0:20	91.20 13.24 30.30	
	Patne	Putna ihinp ro Hehar Barrh Bickram Hilton	000 000 000 000 000 000 000 000 000 00	000000 000000 000000	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A40*04 A40*04 A40*04 A40*04	000 00 00 00 00 00 00 00 00 00 00 00 00	000	000 000 000 000 000 000 000 000	Nil Nil Nil Nil	Na Na Na Na Na	0:07 Nil 0:10 0:30 0:30 0:30	0·17 0 33 0·01	65 2.1 61 29 36 63 61 64 88 66	
	Manghyr	Begoorrai Monehyr Japui Gapri	000000 000000 000000	*** .00	921100 921100 921100	000 100 101 100 000 111	000-00 	400 90 -41000 -41000 -41000	******* ******* ******	Nil Nil Nil Nil	NII NII NII	0:08 Nil 0:10 Nil	0°10 0°24 0°36 7	47 78 41 77 80 34 88 10 43 32	
	South Bhagul-	Shoikpura Ungalporo Banka Kolgono Bangaon	110,000 100,000 100,000 100,000	000100 400100	**************************************	000mbq	000000 000000 000000	000 100 001 200 104 401 104 401	000-00 ********************************	Nu Nu Nu Nu Nu	NII NII NII NII	NII NII 0-14 NII NII	0 124 0 130	45 OH 88 44 46'97	
	sonthal Por gunnaha,	Rejeashal Godda Pakour Nya Doomka Dooghur Jamara	000 000 000 000 000 00 100 00	000 000 000 000 000 000 000 000 000 00	######################################	10000 10000 10000 10000		### ### ### ###	**************************************	No.	Nil Nil Nil Nil Nil Nil	0.07 0.10 0.33 0.48 0.85	6°30 9°34 9°81 9°64 9°53	89:97 49:76 73:83 67:10 40:48 66:46	
	Hesaribagh	Nonchel Pachamba (Giridi). Hazaribagh	- mm 806 - wg 6 1 4 4 - mg 6 1 6 4		000 000	101 100 040 114	6 y c c c c c c c c c c c c c c c c c c	000 ved 000 eee		Nii Nii Nii	NA MA NA	1:00 0:84 0:41	9°64 9°67	80'87 80'24 49'81	
PFB.		Semiagurah Mahudi Hills Jacomra Hills Barki Chatra Karugdaka	0-201 ************************************	**************************************	900000 900000 900000 900000 900000 900000	19 000 10 -00 011.00 000.00 100.00	00101	00008- 100 180 +0 10007- 10007-	-0100 b	NA NA NA NA	No No No No No No No No No No No No No N	0:40 0:40 0:67 1:06 0:70	1:14 0:75 0:72	48'46 32'05 67'09 60'05	
	Lehnröuggs	Lohardugga Banchi Palamoy Silki Bolumoi	-00-00	00 000 00 000 00 000 00 000		000 000 000 000 000 000	0ga)4) 00****	PAGE 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## **** *##*** ******	Nil Nil Nil Nil	Nal Nil Nil Nil	2°40 2°61 0°94 0°40	8°65 1°04 9°50	46'73 56'23 84'12 36'20	
	Singhhoom	Rossinsbad Ourwah Chyebasa Chakradhar	0108	***************************************	00 000 000 000 000 000	*****	ogerou ecodyd ecodyd	enderge weggert no non	Firess remad to De	PF41 DF11	N 12 N 11 0-08	9:06 0:30	1.03	41.79 99'45 40'64	
	Manbhoom	pore, Chatelile Baharogure Parulia	0.02	000 000	00-00 101-22	**************************************	202:00 000 924	0 	000000	3(i) 1	0°10	9°18 8°07 9°97	1103	60°83 87°87 44°69	1
		Gobindporo  Laghunath- pro  barrabhaom Jhaldo	*** *** *** *** *** *** *** *** *** **	0-1104 180 11000	#12.000 #02.000 #04.000	005****	000 -00	4764 486449	00110	Nil Nil	NII NII NII NII	0.99 0.97	0.47	86'08 66'33 46'53 81'n0	

Explanation. - Indicates that no rain has fallen. If the return for any day has not been received, the corresponding spaces is left blank. If any of the rote are wanting, the corresponding spaces is the total rainfull columns are left blank.

CALCETTA, the let April 1890.

SUMMARY OF THE METEUROLOGICAL AND BAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 28th OF MARCH 1890.

The meteorology of the present week has been chiefly poteworthy for the very dry weather which has prevailed over the whole province, and consequently the high and steadily increasing temperature. The low-pressure area, which has been over Bengal for some time, has still continued, there being a uniform large defect, not so pronounced as in the previous week, but at a large majority of stations averaging a tenth of an inch, while at some it was considerably more and only in the western parts sensibly under a tenth of an inch.

considerably more, and only in the western parts sensibly under a tenth of an inch.

On Saturday, the 22nd, the first day of the week, pressure fell rapidly in North Bengal and slowly elsewhere, the lowest pressure being near Dinagepur. Wind directions were generally from south to west, but velocity was nowhere above the average. Very high temperature prevailed over a large area in the centre of the province, including a large part of South-West and East Bengal, the eastern half of Behar, and as far north as Purneah. The largest amounts in excess of the normal were over 6° at Bhagulpur, Dinagepur, and Maldah, but all round the boundary there was either normal temperature or very slight excess. There had been a rapid rise during the previous twenty-four hours in North Bengal, and a rapid fall in the west of Behar. Pressure fell on the 23rd and rose on the 24th by about equal amounts, so that by the end of the latter day the distribution was similar to that of the 22nd. The wind circulation remained unchanged, while temperature changed irregularly, but continued high. With the exception of a very few light showers in Orisea and East Bengal at the beginning of the week, these three days had been rainless. On the 25th pressure again fell with moderate rapidity, but after that a steady rise se in and lasted till the end of the week. Only one or two stations in East Bengal reported light showers on the 26th, but elsewhere no rain fell. Temperature fell slowly on the last two days, but there was still a large excess.

Pressure—As stated above, has been uniformly very low, especially over an area extending from the centre of the province northwards over North Bengal. The largest defects have been in Purneab and Julpigoree, averaging for the week in these districts nearly 0-15 inch. In East Bengal defect has generally been over a tenth of an inch, and in the other districts very little under a tenth except in Chutia Nagpur, where it has been about seven-hundredths of an inch.

Temperature—As shown in the table below, has been largely in excess during both day and night. At Cuttack, Burdwan, and Darjeeling maximum temperature has been from 3.5° to 4.5° above the normal, and at all the representative stations given in the table the minimum temperature has been from 1° to 4° above. The only station where there has been defect during the day is Gya, but there the relatively highest night temperatures have been reported.

Excess in the means for the large divisions ranges from 1.2° to 3.6°, South West, East

and North Bengal and South Behar all being over 30, and the others under 2°

The actual temperatures during the week the range from day to night, and their variation from the normals, are seen in the following table, where the average maximum, minimum and mean temperatures at nine typical stations in different districts in the province are given together with their normal values:—

Table showing the exercise or defect of the actual mean temperature from the normal for the week ending 28th March 1890.

		To more			•	Normal sees maximum tens- perature for the west ending 20th March.	Artusl meen maximum tem- persture for the west ending 29th March 1860,	Variation of actual mean from the normal.	Normal nees minimum ten- perature for the week ending 20th March.	Actual mean minimum fem- perature for the wesk ending 26th March 18se.	Variation of actual mean from the normal.	Normal mean delly tempera- ture for the week ending 20th March.	Actual mean daily tempera- ture for the week ending 20th March 1800,	Variation of actual mess from the normal.
Puttnok Delouttn Deron	00m	989 014 321	000 680 500	161 600 201	000 101 00	98.9 98.9 98.0	97'1 94'0 130'5	+8'8 +4'1 +2'0 +8'6	74'8 78'1 71'8 71'4	77.6 75.3 74.6 73.3	+87 +3'8 +3'0 +1'9	88:6 8:18 8(19) 84:2	8916 8418 8619	+31 +31 +21
inrdwa <b>n</b>	014	441	9- 8	160	202	96'4	67.0	+116	67'8	71.18	+37	81°&	841	+21
	194	***	001	000	204	96'8	90.7	48'6	70°2 64'6	65 8	+379	84'4 79'4	85'6 81'3	+11
ya							- T- 1	7.00	010					A. 2
ya 'urn <b>ah</b> lazaribagh	***	4 2 8	5-04	-0.0	040	01 9	911	+118	67.6	68'8	+10	80.3	81.3	413

Rainfall—Has been very scanty, four of the divisions, viz, South-West Bengal, Behar and Chutis Nagpur being entirely rainless, while in Orissa only the fall has exceeded a tenth of an inch. The few showers reported fell during the first two days of the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisious of the province for the week ending Friday, the 28th of March 1890:—

			THEFT	RATUI	LS.					R	AIRTA	Lb.		1124, 2		
	week.	u sek.	A verng	es for	wook.	shore or work.	0	) wee	lk.	Re	iny da	ya.	Since of mo	nth.	Mag.	
Eurponotogical Divisions.	Highest observed during		Of highest of each day.	Of lowers of each day.	Of mean for each day.	fiverage mean of week below normal mean of	Average.	Normal average.	Variation.	Average number is week.	Mormal average num- ber in week.	Variation.	Average.	Horaul average.	Average.	Rormal average.
Prison	10814	71%	92'0	77.0	84'8	+17	0.13	0.53	-0.10	0.5	0.7	-0.3	229	0.87	66'66	5513
	107-6	67-2	991	76%	86'6	+37	Nil	0.30	0.20	0.0	0.0	-0.8	0.22	1.30	88:38	841
onth-West Bengal	95.1	6718	90'1	74'9	8375	+31	0.05	0.23	-0'66	0:1	12	-1.0	1.80	2143	78 80	77-1
last Bengal		54143	1	67:21	62:07	+3%	0.01	0'49	-0'45	0.1	111	-1'0	0.83	1196	73:96	731 (
forth Bengal	101.0	87-9	95'3	64'3	79-7	+1'3	Nel	0.07	-0167	0.0	6.3	-0.3	0.30	0.92	88.80	491
forth Behar	9618		1	1	86'4	+ 2*9	Nil	0104	0164	0.0	0.2	1.0-	0136	0187	46.44	444
outh Behat*	102'8	67:3	97'8	71.4			2011	0:06	-0°c8	0.0	0.3	-0.3	1105	9180	4110	81"
hutis Magpur	97'0°	65.4	96'1"	68.3	91:18	+1.80	56.71	0.00	-5 (8	(	1					1

<sup>·</sup> Denree and Chysbassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 1st April 1890.

O. LATTLE,
For Meteorological Reporter to the Goet. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 23rd to 29th March 1890.

No. of Contract of		No.			Tuntr	HATURE.			Н	YOROMETRY		dare.
Монта.	Date.	Prosvire at 30 A corrected and reducto 82 Fadir.	Daily mean.	Maximum,	Range.	Minimum,	Dry bulb at 10	Wet buils at 10	Vapour tention at 10 a.m.	Dew point at 10 A.M.	Humility at 10	Rainfall past 24 h
-		Inches.		•	•	•	•		Inches	۵	2	Inches.
Mar. 1890	28rd 25th 25th 27th 28th	789 789 782 805 844	85 9 87 0 86 2 85 0 87 2 87 8 89 7	97-0 98-0 96-0 100-0 98-5 99-5 101-5	22 2 22 0 21 6 24 0 22 7 23 5 23 7	74·8 76·0 77·4 76·0 75·8 76·0 77·8	89 6 87 8 87 8 90 6 89 6 89 8	70 ft 77 5 80 5 72 6 74 5 77 5 79 5	194 1792 1944 1560 162 1782 1870	54 6 72 2 70 4 62 2 60 5 71 8 75 0	36 58 72 39 47 46 62	0.000 0.000 0.000 0.000

The mean 10 A.M. pressure of the seven days	•••	000	29.709
The mean temperature of the seven days		***	87.7
The extreme variation of temperature	0.00		26·7 101·5
The maximum temperature	0.00	,,,,	53
The mean 10 A.M. relative humidity of the seven days		100	Inches.
The total fall of rain from 23rd to 29th March 1890			Nil

The total fall of rain from 25rd to 25th Maron 1550.

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE

For Meteorological Reporter to the Goot. of India.

METEOROLOGICAL OFFICE, INDIA; The 31st March 1890.

#### MEMORANDUM.

The deaths registered during the month of January 1890 in 45 districts in Bengal were 124,642, or at the rate of 22.68 per 1,000 among a population of 65,859,534, in opposition to 184,528, or 33.60 per 1,000 in the preceding month, 125,953, or 22.92 per 1,000 in January 1889, and an average of 128,224, or 23.28 per 1,000 in the corresponding month of past five years 1885-89. In comparison with the preceding month (December) there was a large decrease of mortality, amounting to 10.92 per 1,000, but in contrast with the mortality of January 1889 and the average of the corresponding month of the past five years 1885-89 there was a deduction of .24 and .60 per 1,000 respectively.

2. The following districts returned the highest proportions of deaths. For comparison the mortality in the same districts during the corresponding month of 1889 is also shown:—

Districts.		EN -1	200 0 1	4744671068.			
			per mille during-		1	Ratio per m	ille during-
		Jany. 1	800. Jany. 1860.			nny. 1990,	Jany. 1889.
Backerganj	***	40*4	31-68	Chittagong		81.68	25 68
Nonkhali	0.04	87.2	U 84.96	Darjiling		31:08	23 76
Poori	100	84:3	27.00	Bogra	***	80.36	27.18
Јевного	100	83.8	81.80	Tipperah	693	30:00	81.20
Cuttack	601	83.9	6 22 20	Faridpore	***	29.88	22 44
Serampore		82.6	26.52	Howrah	400	29.28	25.56
Rungpore	100	32.5	3 80:36	Balasore		38.33	29 64
Julparguri		32.5	2 80.73	Khulna	9.5 -	27.72	29:64
Rujshahyo	9 9 4	82.4	0 28:20	Hughli	***	26.40	30:40
Dinajpur	0.00	32-2	8 29.28	Dacra		25.56	25.44

3. The following table compares the mortality of January 1890 from the undermentioned registered death-causes with that of the corresponding month of the previous year, and the average rate of the corresponding months of the past five years 1885-89:—

					egend hon withts ordere	i Bm
Cholera	***	***	***	January 1890. 1.92	January 1880.	Mean of previous five years, 1883-69.
Small-pox		***	***	.10	'10	.08
Fever	100	***	994	16.08	16.80	17:16
Bowel-complaints	000	***	000	.73	.72	-84
Injury		0 0 0	100	·12	.13	.13
Other causes	***	***	107	8-48	3.84	8.36

It will be seen that the death-rate of January 1890, under the head cholera, is twice as great as that of January 1889, but only a little higher than the average rate of the five years 1885-89. Under the head fever, there was a noticeable reduction in January 1890 as compared with the average rate of the past five years. The mortality under the other heads was pretty much the same as in corresponding past periods.

pretty much the same as in corresponding past periods.

4. The following table shows the districts in which the death-rates from cholera, fever and the maladies coming under the head "Other causes" were highest:—

Cholera.			Fe	Dor.			Other Causes.		
	1	Ratio per matte.				Batio per mile.		R	atio per mille.
Faridpore Jeasore Backerganj Tipporah Dacca Howrah 24. Pergunnahs Bajahabye Noakhali Khulna Midnapore	000	8.76 7.56 6.96 6.72 6.72 4.56 4.56 4.56 4.56 3.60 2.88	Julpaiguri Dinajpur Rungporo Noakhali Rajshahyo Darjiling Jessoro Bogra Chittagong Backerganj Sorampore	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	80·72 30·45 30·36 28·80 26·04 24·12 23·64 23·28 23·04 21·24 20·88	Poori Backerganj Cuttack	****	18-96 11-28 9-48
Chittagong Bogra Scrampore Mymensing Pubna	000	2·83 2·70 2·64 2·64 2·16	Puban	***	800	20.88			

5. The mortality of the mouth, under review, according to Sex, Class and Age, was distributed as follows:

According to Sex.		According				A	lecording to A	ge.	Phone I
Males Estro of male deaths to every hell female on the proportion such mortality boars to the total male and female population	Ratio per mille. 23:36 21:00	Christians Hindus Mahomedans Buddhists Other classes	000 100 190 000	Ratio per mille: 15 9d 21:12 26:52 27 72 12 9d	1 as 5 10 16 20 30 40 50	99 99 99 99 99	year lor 5 yoars 10 15 20 30 40 50 60 ad upwards	000	Ratio per wittl. 168-72 21-72 10-08 8-76 14-16 14-16 16-68 22-44 (33-84 63-48

Detailed information regarding the mortuary statistics of the 45 districts in Bengal dealt with in the above summary will be found in the statement appended.

W. H. GREGO, Dip. Publ. Health, Camb., Sanitary Commissioner for Bengal.

-
>
-
13
-
9
- 3
3
2.
,
n6
-
-
0
2
9
0.0
190
2
- 10
100
0.
84
5
2
6
R
10
De
-
. 5
L
-
0
he Distric
-5
-
20
. 44
- On-
-2
-
2
0
Proper
400
0
101
TO MO
to mor
tion of
rulion of
trution of
istrution of
Tistration of
rgistration of
Registration of
Registration of
e Registration of
the Registration of
the Registration of
f the Registration of
of the Registration of
of the Registration of
to of the Registration of
ilte of the Registration of
wills of the Registration of
esuits of the Argistration of
Results of the Braistrulion of
Results of the Braistrulion of
Results of the Begistration of
he Results of the Argistration of
the Results of the Braisfrution of
the Results of the Braisfrution of
of the Results of the Argistration of
ing the Results of the Braisbrution of
ving the Results of the Braistration of
wing the Results of the Begistrution of
bowing the Results of the Argistrution of
showing the Results of the Argistrution of
showing the Results of the Begistrution of
t showing the Results of
ent showing the Results of the Argistration of
ient showing the Results of
ient showing the Results of
t showing the Results of
ient showing the Results of
ient showing the Results of
ient showing the Results of
ient showing the Results of

			DI ISIUME.		THE STATE OF THE S	- E	Pares Bares on Character C					
•			DIRTEICTS.		Fordwar on the following the f	Formal Hugh H the buding Sound street,	Howesh and the second of the s					
		PO		Medica	Berline State and State and State and	620,031	RANGESTER STATES OF STATES OF STATES OF THE					
00		POPULATION.								Pomple	ei	828,976
				Total.		1,016.005	A CONTRACT OF THE PROPERTY OF					
	the state of the s			*Cholema		145	Account to the second of the s					
		-		Fevera.		8 1.034						
			Dates park	Daares pe	Butter	Dates	Dates	Daares o	-Maintengenos-lewoil		963 410	######################################
			- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	-Linia!	*******	17	DESCRIPTION DESCRIPTION DE LA COMPONE DE LA					
					Other disserts.	212 212 212 212 212 213 213	23.0	の できる できる できる できる できる できる できる できる できる できる				
				All ourses.	1,450 1,450 1,450 1,450 1,450 1,450 1,450	2,433	A CONTRACTOR OF THE PROPERTY O					
		Diseas	3	Chalera	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.08	######################################					
	MON	4	RATIO PER 1	Joq-fland	\$5 ; \$5\$	70	88 (88					
	MORTALITY		4 4u qqq.	Pavers.	**************************************	19:50	2214708888888246888575412414257666-42-5- 2214244288644888428848862844444488888					
48.	1		POPULATION	Musalquos-lenud		39.60	######################################					
	ACCORDING		TION PREA	•Emful	2022308	118	Austricks and and and and and and and and and and					
	T0-		M 0 11 25	Other distance.	25.45 25.45	1 H & 29160						
			COMP	entrant to ottak- muset to 000,1 req intimirang nottal suoivery off at	202222							
0			COMPARISON WITH	Anton Amonth.  Amonth of deaths per 3,000 to population of per annum ration for the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration of the per annum ration ration ration ration ration ration ration ration ration ration ration ration rational ratio	18-18 18-18							
				phovious year.	1 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1.58						
6-			DEATES.	Yemelon.	200 to 20	1,145	25.25.25.25.25.25.25.25.25.25.25.25.25.2					
		Ber.	RATIO PR. 1,000 UF TOPLIATION PREAMPOR.	.coinst	<b>新森林縣</b> 新森林縣	25. E5						
			Bellon IATION	Pemalos	200229	10,93	# # # # # # # # # # # # # # # # # # #					
-		1	-Total faltel	Hands dearn to other fraction, the properties of the properties of the properties of the fraction of the properties of the fraction of the fra	SHIP STA	150						

	0
	0
	- Step
	50
	7
	San
	0
	2
	-00
	95
	.22
	200
	66
	0
	-
	2-
	3
	100
П	-
	* **
Pt	
	1.02
5	24
3	
6	
}	
1	
*	
-	

	· · · · · · · · · · · · · · · · · · ·	00 years and under 60 years, 60 years, 60 years, 60 years, 60 years and up.	19.01 90.00 10.00	
Ago	MATIO PER 1.600 OF POPULATIO	on years and up- wards.  Onder I years  send under I  years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years  or years	297 310 136 96 15 00 6 19 8 6 6 11 16 17 17 17 17 17 17 17 17 17 17 17 17 17	10
MORTALITY ACCORDING TO-	Deates.	france france.  S. said under france.  Ol years.  Ol years.  S. said under 18  S. said under 18  Ol years.  Ol said under 18  Ol said under 18  Ol said under 18  Ol said under 19   914 177 85 97 115 297 288 386 15 16 16 16 16 16 16 16 16 16 16 16 16 16	207 221 231 230 440 231 241 241 241 241 241 241 241 241 241 24	
	BATIO PER 1,600 OP POSCLATION PER ASPON.	Hindus.  Hindus.  Reddhists.  Buddhists.	15 '01 16 '00 10 11 15 15 15 15 15 15 15 15 15 15 15 15	25 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
Class	DEATER ARONG	Chessisans, Hradus, Madhase, Baddhase, Grbes chasse.	1 1,775 6 200 100	2
	na. Districts.		Berdwin	EDOTTAL STATEMENT STATEMENT TO THE STATE
	DIVISIONA.		E de Line	MATTA O MAT

Th. 28.4 March 1880.

#### MEMORANDUM.

The birth and death returns of the principal Municipalities in Bengal for the week ending 15th March 1890 present the following results:—

1. Births were registered at the rate of 20.9 per 1,000 of population, and deaths at 21.7. The ratios of the preceding week ending 8th March were 19 and 20.2 per 1,000 respectively. There was thus an improvement in the registration of both births and deaths during the week ending 15th March.

2. These events were recorded in the highest proportions in the following Municipalities:—

21200 1								
		Births.				Deaths.		
				Eatin per mille.				Ratio per mille.
Comillah	***	000	489	50.1	Poori	090	100	100.7
Rampore Bea	ulouh		000	47.3	Comillah	***	480	83.9
Serampore	100	0.04		35.3	Gya	***	***	4H-5
Naraingani		000	***	33 1	Scrampore	***	0 * *	37 8
Monghyr	9 9 1		0.04	31.6	Darjiling		100	87:0
Bhagulpore		***	0.00	80.8	Hughli and C	hinsurah	***	81-3
Arrah	***	***	***	29.9	Jessore	***	***	80.0

3. The mortality from the registered death-causes mentioned below does not exhibit any noticeable differences in comparison with the death-rates from the same causes during the preceding week ending 8th March:—

					Rat	io per mille dur	ing the works ending-
					18th	March 1890.	9th March 1890.
Cholera	400		000	000		4.3	8 5
Small-pox		000	0 0 0	940	0.00	-7	·8
Fever	8 6 9	0.00	0.00	40.	***	8-3	7:4
Bowel-complain	nte	0 + 0			***	2.4	2'6
Injury	0.6.0	***	***			-3	-5
Other causes		***	000		9.64	6.4	5-9

4. Of the death-causes above indicated, while small-pox continued to prevail with great severity in the Poori town (mortality 16.8 per 1,000 of population against the same ratio in the preceding week ending 8th March), cholera, fever, bowel-complaints and the maladies coming under the head of "Other causes" proved conspicuously fatal in the following Municipalities :-

Chol	era.		Fever,		Bowel-c	omplain	ita.	Other c	ause	
	Batio mtli			Ratio per male.			tio per			lio per tille.
Comillah Poori Gya Howrah Hughli and Surah Midnapore Burdwan	46 89 87 Chin-	8 9 0	Darjiling Rampore Beau leah	61.0	Poori	***	14-7	Gya Scrampore Poori	***	18:4 13:7 12:6

5. The mortality of the week classified under the heads of Sen, Class and Age stood as follows :-

According to Sex.

According to Class.

According to Age.

	Ratio per mille,		3	latio per melle.			1	Ratio per malle,
Males Females Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population	34·8 18·4	Christians Hindus Mahomedans Other classes	000 / 000 000		Under 1 yes 1 and under 6 10 10 16 10 18 10 10 16 10 10 10 10 10 10 10 10 10 10 10 10 10	5 years 10 15 20 40 60	000	133:2 17:9 11:3 8:1 17:3 10:8 18:1 21:2 26:5 68:8

W. H. GREGG, Dip. Publ. Health, Cumb.,

The 31st March 1890.

Sanitary Commissioner for Bengal.

		Distracts.	1	į	i	Hoghi if	S S separate		Bowrah {	5	Workston	1	Jeanore	Rafebahye i	Darilling [	1 5	-	:	2	1	ì	1	gr.	100	:	:	i	Partiesh	Poori	
		NAMES OF	-	Sardwen	Midnaporo	Hughli and Chinas-	Serumpore	Utserpara	Howrah	Ball		2	Jeante	Rampore Beaulonh	Darfillag	Daces	Namingas)	Chittagone	Comflah	Patna City	Gyn	Arred	Megafferpare	Nurshaups	Chepra	Sharpilpore	Monghy	Perneah	Floori	Total
104			Hales.	10,043	16,997	14,956	13,550	20,00	68,153	7,936	100	2014	8	19,768	6,570	44,782	7,005	13,340	0.163	78,746	38,130	20,960	13,094	28,774	25,116	1,66	1384	8,465	18,400	750,00c
POPULATION.			Pemalos.	14,017	16,623	16,859	12,837	2,464	87,000	6,979	14,814	9 1	2.086	9,000	9,4	87,379	4,986	8,790	6,363	81,676	27,631	20,000	19,653	12,822	24,654	27,813	29,396		11,637	\$10 cm
off.			Total.	94,080	20,20	\$1,007	26,00	0.510	90,818	14,816	27,677	8,650	9	10,791	7,618	101,00	12,861	23,120	13,606	160,237	76,123	43,468	48,742	960'90	11.670	67,483	57,629	15,116	24 744	1,001.574
		Mon	Makes.	40	10	**	21	**	81	-	•	:			0 84	31	60	•	91	R	13			90	60	13	=		•	1 2
		Kungen op-	Pumples	\$m	00	•	•	=	E .	ged .	•	rt (	p eq	10	:	4	=0	01	946	81	60	90	*	60	60	Ħ	27	10	00	1 \$
		1	Total.	n	23	129	2	**	\$	04	2	~ ;	9 4	2	00	18		0	2	8	22	3	80	8	16	3	22	0	ĝ=	1 64
SURTES.		BATTO OF Po	Malou.	E	19.2	\$	ä	187	10	20	P	1	2 5	0.10	14.8	77	32.4		5	9.0	10.0	10.8	3	9	0.8	8.11	16.3	10	10.5	1 :
9		RATIO PER 1,080 OF POPULATION PER AFFUL.	Vounnios.	Ë	90	16.8	11.0	*	6-1	-		-	18.4			10	2007	6.3	0.0	7.6		191	0.0	6.3	0.0	0.61	18.3	17.3		8.0
		000	Total.	187	i	E	200	60	22	2	_		9.4.9	62.3				14.1	20.1	9.51	1.61	2079	9.91	157	1.91	30.6	9.18	30 A	14.7	
		C3046 01 01	Ratio of male burth offerid clamet out	F	20	a	0	900	155	300	8	No male birth.	8 :	8 8	B (committee	birth.	2	008	1.500	113	102	8	908	150	100	100	103	8	3	
	1	1	Cholora.	•	4	•		-	9.7	91	i	gate	!	1	:		-	-	91		-	-	:	60	E		01	,	. 2	
			. Small-pos.	pall .	2	-	9 04	1	91	*		:	Į.	:		1		-			:	p=0	0 7 1	i						
		Dakerr	Perens.	-	10	60)	-	-	0	-	•	- ;	= -		O mil	-		-		2	8	0	6	00	80	01	0	. <	20	
		Boar a	. Miniatemon-fewor	pt.	60	9	62		0	812		:			:	01			-	. 62		e0	8			-	- 01	)		1
		Ţ	lujury.		:	1	1	:	gen	1		1	. (	19	1	:	1 4		: :			1					; "		. ==1	1
			anemath toda()	*			p.	Z	•	-	-	**		-	:					- 1-			-	-	_	_		_	. 6	
	Disease		All ontion.	2	17 0	9	2	6	8	9.0	:	0.0	2 *		: :	: 5			4	3	_		01		_		1 1	_		+
MORT		Ratio p	-zod-ilam8	640 103	: 51	1.0		:	1.1		2 .	;	Ŧ	1	:	:	1	1	1	2		: :				:		:	91 8	
MORTALITY	1	PER 1,600	Povora.	2	77	2	5	2	6.1	10	94	6.0	19:3	6	2 2	\$ . V		5		. 10	_		6	-	3.0	3	-	0 8	167	
		40	Bowel-completete.	10	E	4.0	2	7.0	5	60	*	ł	: 1	5	1	: =	9	2.0	- 61	9 9		9	97.00		A-0	9	3		153	
ACCORDING TO		POPULATION K.	.Table1	!	:	1	:	1	90	:	-	:	1	100	:	:	ī	:	:	\$	4.			:			: 9		: 57	-
10 10			Other dissesse.	5	20	Z	13.7	1	20 20	46	2	2	2	5	i	: 9	3		: 6	0 90			94	g, e	0			2 6	9 11	T
		M M	All canes.	200	10	E IS	37.75	200	55.41	17.8	50	10.0	0.13		2 1	9 9				3 :		_	_		1.04	_	0 9	-	00.7	Ť
		at manua	Sall of desired per in the per in the second	27.55 52.75	202	200	1:51	98-1	25	0.71	200	PR	60	2 4	7		0.00	9.6	- 6	4.0	9.00	90	9.01	10		0.0	0.00	2 1	9 9	
		DEATER	Maine.	.00	22	20	10	-	81	60	60	91	<b>10</b>	PQ	•					4		90	Jo.	200	1 1 2 2		0 9	2 .	- 18	1
			Vernalos.	2	28	3	8	01	17 81	2 19.0	\$ 11.8	1 25			-			18.6	2		10		15	-				-	1.0 0.1	1
	100	RATIO PER 1,000 OF POPULATION PERANNUM.	Vemales.	- 8	200	-9 16-4	- 20	-	22.53	P 14.P	1 P - 1	9 11.2	-		2 3			- 10	0.83				97	4 36"		_			5 547	1
-		of adlas-	ob olacti lo utiali niattivi not vivvo niattivi no timologi niti no positivi po		8	63	36	-		22	100	3	200	and .		3 5	×	death.			3	-	83.0	•					= 3	1

			Į	3		1	-	-	-			-	-	-	-			-			-					2				
														1	N	MORTALITY		ACCORDING	DIRE	-01 E						;		-		
						0	Class.															2								
pistricus.	NAMES OF THESE	<u>.</u>	Ē	LTES A	OHATHS ANDEG		3	TIO PR	1 7 E B	MATIO PRELIGIOUS POPULA TION PRE ANNUE.	. 772					DEATER.	•						4	RATIO PER	1,000	or Popul	242103	124	CM.	1
		Chrossana.	.ecbatH	Mahomodall.	Buddbinte.	() [pot classes,	Christians,	Handue,	Mahomedans.	Buddhme.	() 2 jint. cjirosov.	Under 1 year.	anset Srahan bus !	3 and under 10 jents.	le and under 15	Seart, Stant CI	os reinas dan es Trear	oe neben dange of	os suban bna do roses.	years and up-	'apara	Under I year.	eriner drobau bast	of redu ander 10 years.	is sad under is years.	Of and ander 20 years.	Os robdo bna Os years.	30 and under 60 years,	60 and nader 60 years.	50 and under 60 years.
Bardwan	-	į		*	E 09				1 10-1		ı	**	-	(EA	49	-		-		61	94		- 8	9.00	20.7	-	181	90	12.2	1 2
Midnapore	Midnapore	1	-		-	•	1			:	:	-	1	-	1		63	-	•	gmg	*	20.0		13.0	*	*	123	-	#. 15 16	10
Mughit	Bughli and Chin-	-	-					9:		1	:			99	:	•	9 1	1	00 (	64		9.80	:	30.0	***	G. 22	200	5	0.93	0.08
Berampste	Serimpere	3		_	1	-	1		G 500 2	:	1	80	1	1	:	ì	-	in -	93	-	*	4.588	•	1		ě	5	20.0	200	27.23
	Ullerpara	_		1 '	1	1		2 12	2 4	1	:			t	ž.		1	(t-	V	-			8.53.	:	}		3	0.9	:	
Rowrah	Maria	1 1	·		0 5		1			1		-	•	0	: ;				1	3	n -	8.601	5	2018	-	95 	0.91	18 to	15.2	10 10 10
-	Kishnagbur	-		- 412	1 19		-	9		1	: :	Ø1.			:				pre		- 6	100.7		9 1	1 1	. ;	a a a	N.P.	2 2	. £1000
Nuclian	Baraghat	*			1		1	1672	2 46.7	-		1	ł	1	-		ent.	:				:	•		0.98	10	38.9	:	1	
	Scatipore	i		40	Po.		-	927	8 4	;		64	:	1	en .	0	:	-	:	-		1221	-	:	12.0	80.0	:	ŧ	100	11
Jestotte	Jenore	1		-	4.00		:				1	91	:		ı		:	48		* 2	8	1.960		(	1	· · · · · · · · · · · · · · · · · · ·	0 0 0	102.0	1	,
Rajshabys	E .	i qu			-				-	:	:	<b>\$10</b>		1	1	-	gra .	1		94		gu .	ì	*	i	21.5	186	:	7.07	9.83
Darfilling	Daviding	1	91	01 5			2000	9 17	92.0	1	;	er) eri	:	:	1		 ga gg		1		wed .	200 3	1	1	i	* 1	0.00	: :	1	
Decen	Natainanai	1 3		p-1			1 1				1 1	1	i	i	1	-					p pt			1 1	74	2	H 2	9	Pi C	
Chilstageng	Chilbagone .	2	e	200	101		2.53	200	9	1	:	:	:	-	:	:		04	î	path		:	-	1		:	:	18.6	* :	4.29
Tippersh	Comillah	1		40	9	1	-	200		-		:	21	and	44	89	-		;	100			79.9	21.5	100	62.3	18.30	94	1	0.00
Pates	Patria Olty	1		22	100	1		13.0	0.9	:	:	*			94	p1		03	13	93		8 8	90.00	T 00	91 8n	Po b.	Ø 100	0.0	17.9	0.11
Gy2	Gyn	1	2	22	41	-	1	3	-	:	1	0	0-	9	1/3	gro	17)		10	9	24	2-10d	67.3	20.1	22	2.3	9.91	6.19	15 to	47.5
Shahabad	Arresh	-	,	40	*	-		101			í	01	pell	gasts .	-	-	-	e4	-48	949		8	27 11	10.1	9.11	51.92	99	9.5	11.11	10.8
Mountlerpure,	Mocufferpore	-		0	19					1	ż	i	41	•		- da		ga	-	Ph.		2	ā	11.0	121	1	-	1470	10.0	0.69
Durbhangs	Durbhangs		-	9		2	1	15.0	0 119	:	į	•	10	:	ent .	1	:	21	173	63	24	9220	200	:	7.6	:	:	55	9.18	F. 52
Sartis	Chapen	1		10	99			10.0	0.7	:	:	ent	41	1	ļ.	-	100	:	:	~	•	7.98	100	# · · · · ·	1	15.0	95	:	ı	90 01
Bhagulpore	Shagaipore	1		52	i	-		9.55	127	-	1	4	=	-	i	ed .	-	en	15		60	176%	9.6	0.0	* 0	12.4	# . W	18.8	20	i
Monthyr	Monghyr	1		8	-	-	:	203		:	:	p-	-	-	1	91		*	<u>-</u>	:		1.03	- TO	9 20	:	27.2	9.48	20.00	1	ŀ
Pursah	_	i	pt	<b>#1</b>	1 20	-	211.0	2111	9.22	:		and	;	:	-	-	1			~	91	2.2	1	1	£5.2	55.55	:		;	53
Fouri	Poort	1		5	1	1	1	1017		:	:	P	63	-	99	91	Ø+	7	673		4	20	7- 98	5.83	23	9.22	9.88	1.197	F	8
	TOTAL	_	100		1		a Company	40.00	10.00		1	1	-					1	1	1	1			1	-		-		-	1

PUBLIC WORES DEPARTMENT, -BENGAL. IBRIGATION BRANCH.

Indication Opprations for the oppicial than 1889-90. Areas kused for irrigation up to the end of January 1890.

		REMARKA						Whole menth	charging.			Decrease in annual leases in the Arran and Busar divisions is	due to trans-	leages.		•
	9	Up to red of month.	Inches.	223	35.46	1		02.50	834.59	***	1	41.132 35°31 46°66	1		1	
Rain	1556-50.	During ments.	Inches.			1		1.0	96.0		1	17.50		***************************************	:	:
13	9	Up to end of month.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	181	72. da	1	0.00	16.29	61.21	1	1	41.30		1		1
Bain	18/4-10.	Paring mouth.	Inchre.	3 15		1		1	1			200			1	1
		.iatoù grafi	Arres. 16,679	35, 445 2, 645 1	11 15 1 15 1 15 1 15 1 15 1 15 1 15 1	172,656	158,907	61,229	4.099	031,645	61,768		840,750	251 416	34.7,543	(a) (b)
		Total.	Arras.	217	-2858	6,173	8,177	11	940	153	1,904	25,747 20,745 20	96,078	186,081	108,801	188.484
1		.mdraew-soil	Antre.		1 [ ] 1				1			100 M	16,437	9,456	12,037	9,034
BASED.	enster.	nobulli	Acres		1 1 1	1		1	: 1			* 10 mm to	15%	1 22	196	Ž.
PETAILS OF ARRAS LEASED.	Annual leases	Sugarrane.	Acres.	800	e 33	160	178					2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4,110	23.65	4,966	3,63
PETAILS O		'(त्वम	Acres.	200	57.5	7 Mes. 2	2,472	III :	460	461	1,90		19,112	25,528	40 6 km	50,005
		Manuel	Acres.	2	â	41	120			;	\$	16 est -	53,634	68,889	50,580	68,034
	Jin.	Fire years, kha	Acres. 10.145	100 mm	12303	166,451	135,730	61,28%	323	62,964	60,528	1:1:			2372, 4 85	190,232
	redox	Pive years, all o	Arren.	1								256 4446 256 4446 1.1122 1.1122 1.1122	216,072	187.755	214,652	107,753
hmal of q	30 mm	o olaurizonich dinien i robin orab amar uiti	Acres. BANG	40.1M	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	141,340	1	607.09	4,639	54,777		STREETS SSETS	4 6, 28	:	5.6,785	
formal for bu	to add	a plant tomp A b books at ol nu two dimons off	Acres. 10,463			154,elbite		61,732	3,405	62,543		20,748 78,472 160.020 61,610	C24,1955		10'082	
	,bod,	uliita waraniseed	32	SE 25 1	22	:		1				2000 2000 2000				
Q1	parte	Average disc	G, R.	7171	3 3	:::::::::::::::::::::::::::::::::::::::	:	3	1			* x 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-	
-ofte	artherb	flut beimmisal	C. 25 E. S.	2017 FEET	21 44 2× 2×			1.411	33			1,230 1,230 2,000 1,493				;
		Canal.	Taldorda latreach Lotto, End	Kerningpara	Har Level, Rence I Prate, data It	Total	Total of the corresponding period of last year	( Midziapore	Chan-bluoorah Tidal reactors, Ranges I.II	Total	Total of the corresponding	Restora Main Firstora main Pattia	Total	Total of the corresponding period of part year	Grand Total	Victimal Tetal of the corre-
		Distance.		Custack	Balasore			Midnapore	Bowns			Shahabad Fer'na and		,		
		COSCUE			Ourman			1000000	ED.			A ROOM				

CALCUTTA, The Let April 1890.

G. A. G. SHAWE, Under-Secy. to the Gove. of Bengul.

## CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 29th March 1890, as compared with the corresponding week of the previous year.

			WHER ET	PHENO SATURE PH. MARCH 189	0.	WEEE BY	NIFO SATURAL IN	AY, THE
Naturs	OF CARGO.		Number of bosts,	Weight of ourgo.	Tollage.	humber of boats.	Weight of cargo.	Tollage.
			No.	Mds.	Re.	No.	Mds.	Ra.
Rice and paddy Jute Firewood Other articles	000 001 000	0 0 0 0 0 0 0 0 0	698 46 98 1,006	1,86,982 26,6 <b>5</b> 0 69,800 <b>2,</b> 96,0 <b>5</b> 0	2,100 485 890 4,302	340 17 140 864	96,070 16,125 69,925 2,33,415	1,578 258 1,082 3,876
	Total	***	1,843	5,19,483	7,837	1,351	4,14,935	6,28

#### Nalhati State Railway.

Statement showing increases and Decreases in tonnage of Staples carried over the Nathati State Railway during the month of February 1890, as compared with the same month of the previous year.

		10	80. •	2.00	10.	Tot	nl.	Ingrana	
Grapin.		Up.	Down.	Tp.	Down.	1889.	3800.	Increase.	Docreas
		Tons.	Tone.	Tons.	Tona.	Tons.	Tons.	Tons.	Tons.
		645	200000	540	144704	648	500	******	70
otton, mw	000	7	100000	*****	401100	7	800-14	*****	
otton pure-greds				60	1	00	81	B01114	
1,-Kurupeah	9.84	00	1	80		- 00		101111	
enimo-		0	888	931	840	847	487	19	*****
4.—Others		66	37	1.8		61	18	*****	
lides and some			1						
1.—Hides of cattle—				000-00	8	8	8	1	200400
AUndressed		111271	1 1	490124	aberra	1	*****	211.200	
uto-		10	9	10	A	12	19	9	400140
2.—Gunny bags and clothe	199		-	8.0					
1Stick		à l	1	-11040	******	3	000100	401101	
eather, manufactured	-04		800 * * *	3	925.41		8	*****	1
squore-		2		4		2		2	1
lotale	407		000 154		******				
1Iron		5	1	19	3		13	7	819104
6Others	9 0 h		2	7	3	10	9	-15100	
Nho-			0.00. ***			010340		3	125314
1.—Custor or	***	8		** 1+00	400401			*****	
1 Others in		047	W70	800×××	*****	4	000100	241111	
ilesode—				077044	******	4	100001		
1.—Linseed		76	******	65	200100	76	60	207.100	
6Others in		010 *******	8	1	*****	8	9	000101	
revisions-				1		2	3	110104	
1.—Ches		2	P-12220	8	011101	2	8	1	400.04
8, - (H) 1979 por		38		6	Andrá + 2 +	28		******	1 8
and reaturated				410000 BIL	11170	104	314		
lailway plant and rolling-stoon		156	*****	44	7	24	40	98	******
olt	0.64	201	900 484	-		-			
ilk, raw—	20.5	38	25	84	96	58	110	88	100300
idle minero-granio-							8		
g_indiad	410	644		8 4 4 6 6				1	1
piers—	437	1		******	*****	1	807112	*****	
tone and lime		ice B	105440	17		3	300	10	11014
nith for		96		91	*****	, 30	21	201 11	1
1.—Drained		20	010049	107	Banaga	\$8	107	70	** ***
nbacco		100	8	14		3	32	19	1
Name Account to the Contract of the Contract o	101	***	PRODUCT .	14	31	120	16 954	111	1
li other articles of merchanding	*** ]	117	31	920	46	200			
Sec.	ofal .	1,330	Gla	1,461	002	1,900	1,145	467	50
.52	3.,	1,000	-	1 court	-	2,000	-,	1	

		9				
	INCREA	FE. AT				Tons.
Ornins—						
(2) Rice	1+4			***	9	90
This increase is due to greater demand at C	alcutta.					
Salt	* 1	0 + 4	100	900	1.1	25
Owing to sudden demand, carried by rail.					***	
F. 193 W 20						
Due t greater import of tuesur cocoons from	m Haulmani di	intelled	- + +	4.6.6	100	52
Stone und line	an Alda a some for		111		+ 0 d	19
This is due to greater import of rubble aton	on ratio Acua to	r protective	WORK.			
Sugar-						
(3) Undrained	5 0 0	6 6 6	***	* * #	* * *	70
Due to greater demand at Azimgaon.						
Tobacco	***		4.64		104	19
Due to greater import.		***				2.79
Due to there being no traffic last year under			this year fo	r building	durposes.	10
	DECREASE	t.				
Coal			(1)			
Previous stock not being exhausted.	6 6 8	***	***	0 4 6	8.0.0	413
Grains—						
(4) Others	***	111	6.6	***	441	63
Due to less export owing to the failure of e	alaie crops.					
Provisi La-						
(8) Others	***			100	***	33
Due to import of pointors by boit,						
Italiway plant and rolling-stock			* 4 *	. 0 0	3.00	UI
Owing to less materials carried during the	month.					

R. G. MOOKERJEE, Manager, Nalkati State Railway.

# Weekly Return of Traffic Receipts on Indian Railways.

## BAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 22nd March 1890, on 1,525 miles open

	COACELH	TEATP	c.	MERCHARI		Pric.	I KAL	Other es	mine			TRAFFIC	TRAIN-MIL	ES BUN.
	Number of passengure.	Recoil	ste.	Workht anrived.		Receip	la,	(estime	ited).	Total oars	inga.	Conching,	Moreban-	Total.
		Ra.	A. P.	Mns.	В.	lts.	. P.	Re.	A. P.	Ro.	L. 1º.			
for traffic for the week Or per une of railway For previous 11 weeks of half-	252,979	2,96,976	4 0 5 10	29,00,825	0	7,12,269 440			0 0 1 10	10,27,192	5 0 8 7	61,700	109,603	174,599
1983 on a	5,616,808	82,05,578	0 0	2,77,58,033	0	64,56,100	5 4	2,15,820	11 0	98,77,499	0 0	708,010}	1,003,2621	1,711,899
Total for 12 weeks	3,009,667	35,00,553	4 0	8,08,43,191	0	71,08,500	14 (	2,34,629	4 0	1,09,04,081	6 0	772.4/64	1,112,9651	1,883,701
Companison.								1						
lander corresponding week	953,4 <b>23</b>	2,87,283	15 A	26,69,445	10	5,68,505	15 4	16,089	13 8	8,61,709	12 6	08,025	91,677	150,102
sa week if pres our year	FX 1 4 Ex	188	4 11	***		\$GU	1 10	11	1 8	863	8 6	#6#204	*****	-0016
Applicate 2 GBS Tool Tool Ave.	\$,130,3981	36,35,456	7 3	3,29,13,195	10	71,78,175	2 1	1,86,118	14-11	1,09,99,948	8 8	788,147	1,145,000	1,933,739

Approximate Statement of gross receipts of the East Indian Bailway, prepared in accordance with Public Works
Department Circular No. XXI, Bailway, duted 23rd July 1883.

RECEIP 20	MARON 186	REDING	RECEIP	rs por where d March 1896	undiko		RECRIPTS PROPERLY ISSUE MARCH 1889.			PRIL 1880 TO S MARCH 1890,		Total	Total .
garen.	Receipts.	Per mile worked.	Mean mileure worked.	Becoipts.	For mile worked.	Mean mileste worked	Total receipts.		Mean mileage worked.	Total receipts.	For mile worked per week.	1880.	Accesso in
Н	Ra.	Mo.		Ro.	Re.		Ba.	Roy		Ra.	Ra.	Rs.	Rò.
1,000)	6,60,310	6.641	1,875)	10,27,191	678	1,8251	4,85,39,074	864	1,8251	4,86,81,176	886	805 204	3,18,500

# PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd March 1890, on 671 miles open.

	COACEIRO	TRAFFI	С.	MERCHARITER TRAFF	IC. MINERAL	Otherenminse	Total carnings.	TRAPPIOT	CHAIN-MILE	D RUL.
	Number of	Reces	p\$4.	Waight carried.	Receipts.	(estimated).		Onach ng.	Merchan-	Total
	1	Ra.	A. F.	Mos. e.	Ro. A. P.	Ba. A. P.	Re. A. P.			
Total traffic for the week	14,570	7,184	9 0 12 P	68 402 10 1,197 0	8,996 7 0 66 16 4	0 10 3	11,001 9 0 193 5 4	1,726	0.00	2,864
Or per such of this way For previous it weeks of half-	184,682	71,339	7 0	4,31,520 0	98,012 2 0	471 14 0	1,00,058 7 0	19.020è	7,16P	26,14
Total for 12 wreks	148,398	78,498	0 0	C00,991 10	32,644 P 0	50% 7 0	1,11,785 0 0	20,7478	7,425	\$8,51
COMPARISON.									- T	
Potal for corresponding week of	17,854	10,619	3 3	46,790 90	2,638 10 0	GN 15 0	15,370 10 3	1,746	669	2,39
province of railway correspond.	210		2 6		46 6 8	1 3 3	235 12 0	*****	*****	400,00
ing week of previous year		95,800			22,225 1 0	, B10 10 O	1,18,080 11 6	20,697	0,030	20,37

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, duted 23rd July 1883.

Mar market	PTS FOR WEEL	C ENDING	Lecuty	por were	ruping 90.	TOTA	L RECEIPTS PROPERTY ISSN.	RD	AP	RIL 1839 TO SE MARCH 1899.		Total	Tota!
Mean mirate worked.	Receipts.	Per mile worand	Mean mil agr worked	Receipts.	Per mile worked.	Mean mileage worked	Total receipts.	Per mile marked per week,	Mean milenge worked.	Total receipts	Por mile worked per vest,	Inormate in 1999.	decreas i
di).	Be.	Ra.	871	Ro. 11,903	Ra. 193	67}	Ru. 4,95,540	Ra. 167	57}	Ra. 4,93,147	Re. 160	Re. 6,807	Ra.

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week anded 22nd Murch 1890, on 231 miles open.

	COACHING	TRAPPIC.	MERCHANDISE TEAMS			Elser enrilli	gn )	Total		TRAFFIC	TRAIN-MIL	ES RUS.
	Number of passengers.	Recorpts.	Weight carried,	Beceipts.	1	(sotimered)		entmode.	•	Conching.	Merchan.	Tota.
		Ra. A. P.	Mos. a	Rs. A. P.		Ro. A.	₽,	Rs. A	. P.			
Toral traffic for the week Or per mile of railway	22,909	6,279 3 0 280 2 6	18,666 20	611 2 0 27 7 6		12 13 0 P	3	6,993 2 3:0 4	0	800	304	064
For previous 31 weeks of half-	224,395	56,949 12 O	1,60,264 20	5,461 8 0		67 3	4	61,608 2	0	9,400	1,017	10,000
Total for 12 weeks	267,510	02,634 15 0	1,75,780 0	6,032 5 0	-	300 0	P	8H,743 4	0	10,449	1,125	11,514
Comparison.			1									
Total for corresponding week of	23,5004	6,267 16 1	31,633 30	410 B 0	1	8 8	3	6,693 1	6	907	61	964
Per male of reciency correspond		290 12 10	*****	19 18 6		0 4	0	200 12	7	000000	20-00	1
Total to corresponding date of previous year	201,110)	60,717 15 11	1,17,990 30	4,197 B (		73 B	6	73,994 11	8	10,418	776	11,564

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works

Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS 2584	POR WEEK	REDIEG :	RMCHIPT	o for where is	RETURN	TOTAL	RECEIPTS FRO	n lur	TOTAL	ERCRIPTO PRO LPRIL 1000 TO 2 MARCH 1800.	m luz	Total	Total decrease in
Mean militage worked.	Anceipia.	Per mile	Monn vilengo verhed.	Receipts	Per mile worked	Mean mileure worked.	Total receipts.		Mean mileage worked.	Total receipts.	Per mile worked per week,	linemase III 1900.	1890.
250)	Re 6,004	Ra,	27)	Re 6,003	Ra.	251	Ro. 2,00,071	Re. 848	25)	Re. 2,78,414	Ra.	Rs.	Elo 6,467

#### EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K. and D., and Assau-Behar Sections.)

Approximate Meturn of Traffic for week ended 15th March 1890, on 747 miles open.

1	COACHING	TRAPPI	c.	MERCHAED		PPIC.	BAI		Other nar		To	ta1		TRAFFIC '	TRAID-MILE	io acu.
1	Number of passengers.	Coachi		Weight extrad.		Воспір	ts.		thelich stemm-b		00.7(1)	anga.		Cosching.	Merchan- duc.	Tola .
		Re.	A. P.	Mos,	8-	Ita.	A. 2		Re.	A. P.	lto.	Α.	P.			
Total traffic for the week  Or per mile of railway  For pravious 10 weeks of balf-	161,590 £16	#3,960 112	0 0	5,20,380 697		#1,550 109	0 1			0 0 0 0	1,82,65	0 0	0	23,452	26,714	80,160
Aut a mean or mail.	1,666,180	7,83,540	0 0	58,76,160	0	11,63.760	0	0	1,74,260	0 0	23,21,8	80 0	0	229,915	5/0,711	524,626
Total for 11 weeks	1,729,690	H,07,540	0 0	ons,ne,no	0	17,48,040	0	0	1,01,620	0 0	23,04,21	0 0	fi	246, .67	Sine, 128	574.7Hz
Tatal for corresponding week of provious year	144,818	76,872				71,723				0 6		60 4 25 6		21,513	22,760	44,30
ing period of previous year	220	n,75,58d	0 0			9,78,318		0	1,92,618		20,46,3			1	274,219	\$10,38

<sup>\*</sup> Excluding steamer carnings.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

Excrim 161	TR POR WEEK	unding 19.	RECEIP 15	TE POR WERK IH MARCH 189	ending 10.		L RECREPTS FR PRIL 1888 TO 18 MARCH 1885.			RECEIPTS PROPRIED 18 MARCH 1800.		Total	Total
Yesti Bileser Posketi	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Moan milange worked.	folal receipts.	Per mile worked per week.	Mean mileser worked.	Total receipts.	ret mile sotied per week.	15tV-90.	1889-90.
	Re.	Re.		Ra.	Ra.		Ra.	Ru.	1	Ra.	Ra.	Ra.	No.
671	1,68,740	243	747	1,82,050	245	678	1,02,88,701	506	728	*1.10,69,290	201	7,40,389	***

<sup>.</sup> Audited up to week ending 31st December 1880.

#### BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 18th March 1890, on 125 miles open.

								-				_							
-	COACRIDA	TRAFFE	e.		Murchani		AND MI	pt (st.)	RAL							TRAFFIC	c 1	TRAIN-MILE	S MOK.
	Number of	Conclu			Weight carried.		Recen	p 6 0		Other e	uted	ingen  }.	Tot earns		la.	Conching.		Merchan-	Total.
		Ra,	A. P	. 1	M 100.	a.	Rn.	A.	P.	Rs,	Α.	P.	Ra.	Δ.	P.	1			
per mile of railway	27,820 203	9,850	0 0	0	69,700 496		<b>5,000</b>	0	0	idet 1	0	0	13,120 105	0	8	3,788	EN LES	1,937	5,672
1661 - THE REAL PROPERTY OF MINES	276,300	1,01,690	0 0		8,95,800	0	28,770	0	0	770	0	{}	1,31,530	0	0	35,757		18,765	54,382
Total for 11 weeks	508,920	1,11,947	0 0		4,09,50-1	0	31,8.0	0	0	859	0	0	1,44,650	0	D .	89,400		20,702	60,193
Companient.																	1		
tal for corresponding week of Persons year at railway correspond-	29,742	10,676	0 0	D	70,789	0	4,083	0	0	67	0	0	14,505	п	0	3,735		1,037	8,678
of jeried of previous year	998	55	0 0	D	544	0	33	0	0	4 2 4 4 2		1	118	0	0	****	1	990000	A 5 5 6 0 ·
Merinita Acut	\$15,507	1,11,240	0 0	0	5,99,903	01	30,193	0	0	4,159	0	0	1,45,189	0	0	40,034		20,760	C0.814

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bongal Central Railway.

hacero- 10:	te por week to Bluch las	Nudino	Ruchity 1574	P FOR WEEK MARCH 1590	ENDISG		L RECRIPTO PRO 1850 TO 10TH 1 1880.			L RUCHIPTS PRO 1889 TO .15TH & 1880.		Total	Total
Ven ver	Recurpte.	Per mile worked.	Mean mileage worked	Receipts.	Per mile worked.	Fean milensi worked	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week,	1839-90.	1980-90.
186	Re. 16,809	Ro.	184	Bo.	Re. 105	125	Rs. 0,01,087	Re.	125	Ra. *7,04,101	Ra. 113	Rs. 12,414	Re.

<sup>\*</sup> Audited up to week ending 51st December 1889.

#### DACCA STATE RAILWAY.

Approximate Roturn of Traffic for week ended 15th March 1890, on 86 miles open.

	Coachin	TRAPPI	c.	Миненамі	dian. Thay		HRAL	Other es	PRESENCE	Tet	nl		TRAFFIC	TRAIN-MILE	es nun,
	Number of passongers.	Conch		Weight carried.	J	Breeip	ts.	(estima	iaul).	6,00 Lgans	ще.		Cusching.	Merchina date.	Total,
		Ba.	A. P.	MDs.	ъ. ј	Ra.	A. P	Ra.	A. P	Rs.	Δ.	r.			
Total traffe for the week Or per inite of railway	10,288 928	7 tinti 11d	0 0			2,000 26	0 0	150	0 0		0		8,450	700	8,100
For previous 10 weeks of indi-	166,530	65,830	9 (1	1 2 47 510	0	28,340	0 0	1,680	. 0 0	01,120	0	0	28,73%	7,656	31,8%
Total for 11 weeks	166,110	71,510	0 0	3 11 71	0	30,020	D ()	9,030	0 0	1,04,210	í)	D	8.014	8,000	81,574
Comparison.								1							The Real Property lies, the Personal Property lies, the Pe
Total for corresponding period of period period of period year.  Per mite of railway corresponding	15,495	5,173	6 N	7,037	6	850	0 0	200	0 0	<b>0,8</b> 25			2,440	621	3,106
ported of previous year roll to certesponding date of provious year	179	60 51,433	0 0	1,30,669	0	10	0 0	1,066		1			20,630	7,100	33,747

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacen State Railway.

Receirs	re for which is	ENDING	RECEIPT	e for week I March 15%		Total April	neceirts pro 1535 to lorn l	u Ist Lancu		RBCHIPTA PRO 1659 To lõru Å 1859,		Total	Total
Mean mileage worked,	Reccipts.	Per mile worked	Mean mileage worked.	Receipts.	Per mile worked	Mean milenge worked.	Total receipts.	Per mile worked per weak.	Mean milesge worked.	Total receipts.	Por mile worked per week.	incivaso in 1869-00.	decruise in 1550-90.
	Rs.	Es.		Re.	Ra.		Ra.	Re.		Ro.	Rs.	Re.	Rs.
186 36	6,325	73	86	10,090	117	88	2,91,411	69	86	*37,807,468	93	99,037	49.EE4

<sup>.</sup> Audited up to week ending 31st December 1839.

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 22nd March 1890, on 27; miles open.

	COACHING	TRAFF	PIC.		MERCHANI		PPIC.	K SE	EA1	Otheren						TRAPPIC	TRAIS-MILE	n res.
100	Number of passengers.	Conch			Woight		Receip	pts.		restamble			Tota			Coaching.	Merchan.	Total
		Re.	A	ъ.	Maa.	p.	Za,	A	ъ.	Ro.	Δ.	P.	Ra.	4	P	(		į
Fotal traffic for the wook	3,035	1,0%2 40			10,999		1,0:0	0		3 4 3	0	O .	2,12-1 78	0	fr ()	Blep	284	763
THET AND AND AND AND AND AND AND AND AND AND	010,32	10,886	0	0	1,49,643	6	0,383	0	Đ	434	0	0	Ed (65)	£è	U	8,3141	\$ 7rt_	31,147
Total for 11 weeks	39,147	13,989	0	0	1,65,641	0	10,008	Q	U	650	Đ	e	24,616	1)	Ð.	5,890	6,014	11,500
COMPARISON.												- 1						
Corni tor corresponding week	3,157	1,250	Ď	0	7,037	0	623	D	0	ein	0	0	1,589	0	0	8.00	887	1,0%
ne work of previous year	116	465	0	0	280	0	-19	Q	0	80	0	0	93	0	6	44.57	****	
previous year	41,491	15,604	0	0	1,66,660	0	0.282	0	0	107	0	U	85,921	0	0	8,962	6,137	10,991

#### PINANCIAL YEAR.

Approximate Statement of gross receipts of the Kalkati State Railway.

Rucuter 231	es you wank nd Maron 18	REDING		TR POR WHEN SI, MARCH 18			drit 1988 to 23 March 1889.			E BRUNIPTO PRO PRIL 1880 TO L. MARCH 1800.		Total	Total
Mean milenco worked.	Recerpts.	Par mile worked.	Mean miengo worked.	Receipts.	Per mile worsed.	Mean sullease worked.	Total receipts	Per sulto worked per weak	Mean mineste corned	Total recempts	Prog prot h och prot h och	increase in language.	des crass to Issuess.
100	Re.	Be.		Re.	Ra.		Bo.	ita,		Ro.	Bo.	No.	R4-
271	2,689	95	271	2,123	78	273	1,01,106	76	271	1,00,026	76	y 14 NBB	2184

#### TIRHOOT STATE BAILWAY.

Approximate Return of Traffic for the week ending 22nd March 1890, on 278 miles open

	COACETY	1				BAI	PPIC.	RA.		040			Total			TRAPPIC	TRAIN-MIL	20 BY#
	Number of passengers,	Conchi			Weight carried.		Receip	ı.		Other ear	od)	i.	estrin.			Coaching.	Merchan- dise.	Total
		Re.	Δ,	2.	Mps,	0,	Ba,	Δ.	P.	Bo.	Δ,	2.	Re.	Δ,	P.			
fotal traffic for the week by per mile of railway for previous 10 weeks of half-	44,213 163	17,914 68	0	0	3,17,820 1,163		32,63a 119		0	8,256	9	0	83,100 185		000	3,004	6,530	14,33
7007	817,179	2,21,978	0	0	28,81,218	0	8,23,865	0	0	84,290		0	5,79,483	0	0	89,791	100,001	1/3,29
Total for 11 weeks	861,355	2,35,492	0	0	81,48,738	0	3,56,408	0	0	37,543	0	0	4,82,373	0	6	65,298	112,539	177,63
COMPARISON.																		
of previous year	26,431	14,200		0	97,826	0	8,976	0	0	4,944	0	00	27,400	0	0	6 291	3,440	9,70
ing week of previous year	141	80	0		357	0	33	0	0		0	0	93	0	0.	100000	170.000	
previous year	461,010	1,85,966	0	0	15,79,894	0	1,80,880	0	0	20,678	0	0	5,78,178	0		66,700	65,301	182.6

\* Steam-boat earnings excluded in calculating "Total carnings per mile of Railway," a Includes Ex. 1,006 as "Sundry's receipts."

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirkeet State Railway.

	PS FOR WHEN D MARCH 180			D MARCH 181			PRII 1888 TO 23 MARCH 1889.			PRIL ASS TO 2 MARCH 1990.		Total	Total
Wean please sorked.	Receipte.	Par mile worked,	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts,	Per mile worked per wank	Mean mileage worked.		Per mile worked per week,	increase in 1680-90.	decrease :: 1829-90.
	Ro	Re-		Ba,	Ro.		Ba.	Ro.		Re.	Ro.	Re,	Ra.
573	27,480	101	979	88,100	198	265182	16,21,675	123	273	21,22,675	159	B,01,200	44 100

3'	EELING-1	HIMALAY.	YN RYILL	AYA COZ	IVANY, L	IMITED.	Ra
pproximate car			8th March	1890	***	***	7,359
orresponding p	eriod of 10	869	000	0.00	* * *	0.04	10,99
Decreas		0.00	***	0.04	***	***	3,63
							Re. A. 1
eccipts per mil	e for wee	k ending 81	th March 1	890 '	***	* 4 4	144 4
orresponding p	eriod of 11	889	***	0.0 *	***	0.00	216 10
Decreas		***	400	0.04	***	***	71 5 1
eccipts from 1	st January	to 8th Mar	wl. 1801			9.00	78,64
orresponding n			111	***	9120		78,03
Increas	10	+01	49.0	***	***	***	62
DARJEE	LING-HI	MALAYAN	BAILWA	Y- COMPA	any, Lim	ITRD.	
Approximate e	arnings for	week endin	g 16th Mar		+ 0 0	***	<b>R</b> : 9,65
Approximate e	arnings for	week endin					9.65 9.13
Approximate e	arnings for period of	week endin	g 16th Mar		+ 0 0	***	9.55 9.18:
Approximate en	arnings for period of	week endin	g 16th Mar	ch 1890	- 6 G	4 P 4	9,55 9,13
Approximate er Corresponding Increa	arnings for period of	work ending 180	g 16th Mar	ch 1890	- 6 G	4 P 4	9,55 9,13 40 Rs. A. 7
Approximate er Corresponding Increa	arnings for period of	work ending 180	g 16th Mar	ch 1890	-00 646 -	4 8 4 4 8 4 4 6 7 5	9,55 9,18 40 Rs. A. F
Approximate el Corresponding Increa	arnings for period of  ile for wee period of	work ending 180	g 16th Mar	ch 1890	+00 +00 - +00	491 491 490	9,55 9,13 40 Rs. A. 7
Approximate er Corresponding Increa Receipts per m Corresponding	arnings for period of	k ending 150	th March 18	eh 1890	+00 189 100 100	401 401 609 600	9,65 9,13 40 Rs. A. P 187 0 179 3
Approximate et Corresponding Increa Receipts per m Corresponding Increa	arnings for period of ile for wee period of	k ending 150	th March 18	seo	100 100 100	401 401 609 600	Rs. A. 7 187 0 179 3
Approximate er Corresponding Increa Receipts per m Corresponding	arnings for period of ile for wee period of	k ending 150	th March 18	eh 1890	100 100 100 100 100	424 422 422 422 424 424 424 424 424 424	Ra. A. 7 187 0 179 3 7 13 88,18



# The Calcutta Gazette.

WEDNESDAY, APRIL 9, 1890.

## OFFICIAL PAPERS.

Non-Subscribers to the GARBTER may receive the Suprement apparately on payment of Six Rupess per annum if delivered in Calcutta, or Twolve Rupess if sent by Post.

#### CONTENTS.

	Page.	1	Page.
DONATION of Babu Sri Nath Rey in aid of the Dacca. College Rainfall, Weather, and State and Prospects of the Crops	7119 790	MRTHOROCOGICAL Report of the Province of Bengal for the week ending Friday the 4th of April 1800	011
Prices-current (refet!) of Fued-grains, Firewood and Ball in the Head-quarter Station Basars of the districts of Bencal on the Sixt Murch 1890 Meteorological Report of the Province of Bencal for	794	Friday (8 a.m.), the 4th of April 1890 Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chow-ringhee, from 50th March to 5th April 1890	#26 #26
Table of Rainfall recorded at Stations in Bengal in	800	Statement thoward the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 22nd March 1890	Sta
March 1890	821	Circular and Bestern Canals for the week anding 5th April 1800 Weekly Return of Trame Receipts on Indian Railways	889

# DONATION OF BABU SRI NATH ROY IN AID OF THE DAGGA COLLEGE.

GENERAL DEPARTMENT.

Calcutta, the 7th April 1890.

RESOLUTION.

#### READ-

A letter from the Director of Public Instruction, No. 1787, dated the 21st March 1890, and its enclosure.

The Lieutenant-Governor is pleased to accept the offer of Babu Sri Nath Roy, semindar of Bhagyakul in the district of Dacca, to pay annually the sum of Rs. 120 in aid of poor and deserving students of the Dacca College, and tenders his thanks to the donor for his liberality. The Principal of the Dacca College will be the administrator of the fund.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Director of Public Instruction for information and for communication to the donor.

Ordered also, that a copy of the Resolution be published in the Calcutta Guestie.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,
Secretary to the Goot, of Bengal.

## Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 5th April 1890.

	364	District of ret	and dat	to of	itainfall at Sudder Stationit inches.	Character of the weether and state and prospects
10	RNC	AL.				
		/ Western	Diste	icte.		
	1	1 Surdwan	Apr	il <b>6, '9</b> 0	NII	Weather—cool in the morning, but warm during day. Ginger and til are being sown, but rain is eadly wanted. Sugarcane pressing is over. Prices of common rice:—
						Burdwan
		Banksora	•	, 6, '90	1811	Weather—seasonable. Rain wanted everywhere for aloughing of fields for next rice and sugarcane. Standing crops are doing we common rice 21 seers per rupes at Sudder and 195 seers at Bissenpore
T Dress		Birbham	90	5, '90	ma	Weather—hot and dry. No crops to report on. Prices of common rice vary from 16 to 20 seers par rupes.
BURDWAR		Midnapur	01	5, '90	2011	Weather—seasonable. In the Ghattal ambdivision rain is wanted for fore ties and til. Indigo doing well. Prices of common rice;——Srs.
						Sadder 19 Contai 20 Tamink 16 Ghatal 18
	•	Hooghly	80	8, '90	361	Weather growing warm. No crops at present. Prices of common rice:    Weather growing warm. No crops at present. Prices of common rice:
	1	Howrab	00	5, '90	Ril	Weather-very hot. Bore paddy suffering from want of min.
		Control D	intriot	e.		
		24-Pergbe.	April	8, '90	MI	Weather—very hot and dry. Boro paddy suffering from want of rain. Bain wanted for ploughing. Price of common rice 16 overs per rupes.
DIVE	7	Neddes	0.5	8, '90	NU	Weather—hot. Harvesting of gram, wheat, and berley still going on. Land is being prepared for the sowing of the early rice crop. Ram is needed.
DENCE	8	Khoolas	60	5, '90	NII	Wenther—hot. State of bore paddy good. Harvesting of rubbi crops nearly completed; outturn expected to be fair. Rain much wanted for ploughing.
7200	9	Jesepre	00	8, '90	Nil '	Weather-very not. Rain badly wanted for cultivation. Prospects of all standing crops gloomy for want of rain.
-	10	Moorshodabad	**	5, '90	NO	Weather-hot. Robbi harvesting almost completed.
	11	Dinagepus	0.9	5, '90	Ril	Wenterly winds and bot weather. June and Shadoi heing sown and engarcane being transplanted. Ham badly wanted. Prices stationary.
	13	Rajabahyo	19	7, '90	20/23 1	Weather-lint and latterly cloudy in the evening. Harvesting of rubbi crops over. Plouging for ess retarded for want of rain.
	13	Bungpur	20	5, '90	2611	Weather—very sultry with light wind. Rain hadly wanted everywhere. Prices rising in auticapetion of a failure of the early rice crop.
RATHER DIVE	14	Bogra	.,	5, '90	Ni)	Weather—commonle. Pulses harvested with an average outturn of 16 annat.  Sugarranc is being present. Am rice and jute are being sown. Common rice selving at 15 scere per rupes.
To Carrie	15	Pubna	90	5, '90	No 1	Weather-hot. Aus, omen, and jute being sown in some parts of the district. Outturn of mustard and tobsoco nearly average. Prices somewhat high.
	10	Darjeeling	64	8, '90	Rd V	Weather—hot and threatening. Sinte and prospects of crops favourable, but rain much needs d.
1	17	Julpigores	••	6, 'DI	Nu t	Days hot, but nights cool. Hervesting for tobacco in progress. Preparation of land for the sowing of the bhados crops is being made in Fellocutta.  Common rice celling at 18 coors per rupes at head-quarters.

	No	District an		Hainfal at "indde Station i inches.	Character of the weather and state and prospects
	ENC	Al-concluded.			
		Bastern I	Hetriote.		
	1	8 Duces A	tpril <b>6, '9</b>	Mil	Weather—hot and fine. Cutting of augarcane and harvesting of khaseri, masuri, and keera nearly completed. Bore paddy is being harvested. Cultivation going on for early rice and jute. Am and til being sown. Price of common rice 18 to 154 seems per rupes.
Dacca Diez.	ı	Perroedpur	,, 8, '90	Nu	Weather—hot and occasionally cloudy. Harvesting of subbi crops nearly at an end with an outtorn of S annas on the average. Sowing of jute and taddy going on. Sugarcane plantation commenced. Hain much wanted. Prices of common rice:
DA					Madaripur 15 }
	2	Backergunge	5, 5, 190	Nit	Sudder  Weather—hot and cloudy, but no rain. Prospects of standing crops fair, but at Shola fil and other crops have been injured by insects. Eice sells at 18 cense.
	2	Mymonsingh	., 5, '90	\H	per rupes.  Weather—hot and or canonally cloudy. Sowing of jute and one on low lands has begun, but more rain is needed. Boro ruce thriving well. Price of common rice 13 seems 14 chittacks per rupes.
	22	Chittagong	., 6, 90	Nil	Weather seasonable. State of chilly crop fair. Prices stationary.
. DIVE	38	Nonkholly	., 5, 190	NII	Days warm, but nights rather cool. Preparation of soil for one going on.  Common rice 14 to 19 seers per super at ucad-qualters.
Carrange	24	Tipporeà	,, 5, '90	Nil	Weather-hot with high winds. Boro rice thriving. Am and jute being planted. Rain wanted. Chillies being gathered.
Car	115	Chittagang Bill Frants.	., 4, 190	Nil	Weather-very hot throughout the week. Jam outting still going on. Gathering of tobacco and chillies continues. Common rice is being sold at 12 seems 16 chitracks per rupes.
311	нан	Hill Tippersh	., 5, 197)	Nil	Weather-hot. Jone continue to be burnt. Bore paddy doing wall in the low lands.
	26	Patua	, 5, 90	Nu	Weather—hot and dry. Harvesting of subbi almost finished. Threshing of corn in progress. Cheena is being sown. Priors of food-grains almost stationary. Opium weighment has commenced.
	27	Gya	8, '90		Weather—hot. Threshing of rubbi crops going on. Weighment of opiom begun. Prices of fouri-grains stationary.
	28	Theirbad	., 5, '90	Nil	Weather—hot with strong west winds. Rubbi almost harvested. Threshing still going on. Prices stationary.
ea Drep	20	Durbhunga	., 5, '90	Nil V	Venther—clear with east wind. Harvesting of rubbi crops completed. Paddy and many stready saws are germinating well, but rain is very much wanted. Indigo is doing well. Prices almost stationary.
PATER	80	Mesuflerpar	,. 5, '90	ND V	Venther-hot; westerly winds; cool at night. Rubbi crops are being threshed.  Chasse is being sown.
П	31	Sarus	. 8 '90	mit v	Venther-dry and bot. West winds not so strong. Rubbi harvest completed.  Cheene is being irrigated. Opium weighments in full swing.
ā	ar	Chusaparus	5, '90	3011 0	ays hot, bat mornings cool. West wind prevails. Harvesting of rabbi crops approaching completion. Paddy and cheese are being sown. Opium weighment commences next week. New wheat, barley, and gram selling in the market; prices falling.
	83	Mongleys	., 8, 90	Nil W	Coather—hot and dry; atrong westerly winds in day time. Harvesting of rwbbi crops finished. Threshing going on with fair outturn. Prices of
i i	34	Blingulpur	,, 8, '90		common rice slightly risen.  ays getting warm, but nights still cool. Harvesting of the rubbi crops nearly over. Ploughing for the next crop not yet communeed for want of rais.
BRAGGLIORS DIVE.	35	Parnosh	,, 5, 190	NII SI	ight clouds; mornings and nights still cool; winds have partially ceased. Rubbi crops being harvested. Outturn of grains disappointing. Itain wanted for early blades crop and for pasturage.
BRADEL	8,	Mailub	., 5, '90	NII W	cather—bot and fine. Violent west winds prevail generally. Harvesting of ruebi crops still going on. Outturn of wheat estimated to be 12 annas, but of all other crops about the average. Rain much needed for bore paddy and for preparation of lands for bhadoi and smun rice. Prices of rice using.
	87	inthal Perghs.	5, °90	NII W	cather—hot.  10 annas  Sugarcane.  Rubbi harvest completed. Onturn of wheat in Pakour about  Mohna has turned out to be a poor crop. Rain wanted for  Prices stationary.
-					

	No.	District.	and date turn.	of	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects
0	R188.	۸.				
	/ 38	Cuttack		Ø n 4	***	Report not received.
75.						
ORIGEA DIVE.	20	Pooree	∆pri	1 4, *90	Nil	Weather seasonable. Lands are being ploughed for the ensuing estend crop Dalus and many crops are being harvested. Prices of common rice vary from 21 to 24 seems per rupes in the Sudder subdivision and from 19 seem 11 chittacks to 26 seems in the Khoorda subdivision.
	40	Balasore	er	5, '90	Nil	Weather—getting warmer. Cultivation stopped in most parts for want of rain.
		MAGPURS.	or Agen April	6, 190	NU	Weather issuenable. Days hot. Moles yielding well. Mango promising.
Pons Dryg.	42	Lohardugga	9.0	5, '90	Nn	Weather concomable. Harvesting of rubbs continues. Prices steady.
CHOPA MASPORE DIVE.	43	Singbheem	00	5, '90	Na	Weather—hot and very hazy. Molue good everywhere with the exception of Baharagura and Bhelaipahari. Mango promises to be a full crop. Winter erops reported to have given a good outturn.
	44	Manbhoom	84	5, 90	No.	Weather—hot. Wheat, barley, and gram ripening; outturn expected to be 18 aunas. Moless dropping, and the outturn is 14 annas. Mange crop promises well.

Published for general information.

CALCUTTA; BEVENUE DEPT., The 8th April, 1890. P. NOLAN, Secy. to the Goot. of Bengal. PRICES-CUERRNT (BETAIL) OF FOOD-GRAINS, PIREWOOD AND SALT IN THE HEAD-QUARTER STATION BAZARS OF THE DISTRICES OF RENGAL DURING THE SORTNIGHT ENDING THE SLOT MARCH 1890.

## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

-				3.2.7								QUA	NTITI	ES PE	R RUP	EE IN
		,	WHEAT.		1	BARLUT		Rac	7R, 2M6T	sont.	Rica	, conne	ON.			totom.
Number.	districts.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding rotars of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.															
	regiera Dugneia.	8. Ch.	8. Ch.	B. Ch.	M, th	78. (2b)	4. Ch.	s Ch	a. Oh.	S. Ch	B. Cb.	8. Cb.	B +3h.	4. Ch	es con	u. Oh,
1	Burdwan	14 - 0	14 0	15 8			26 0	:\$ 8	13 8	14 4	16 14	16 14	16 14	- 6.6	***	400
2	Bankoora	15 0	15 0	15 0	17 0	27 0	20 0	17 8	17 8	17 4	20 0	20 0	19 8		HOL	-
8	Beerbhoom*	artina .		800	0.00		***			***	11-	***	•••	984	***	800
•	Midnapore .	13 0	13 0	10 0	204	101	000	15 0	15 8	14 0	18 12	90 0 1	6 0	401		rma
8	Hooghly	18 0	18 0	13 0	100		••	8 0	8 0	10 0	14 0	14 0 1	18 0		+94	****
	Howrah	001	044	***				11 8	11 8	12 0	16 0	14 8 1	15 0		090	100
	Central Districts		<u>n</u>				,	1			f			1		
	Calcutte	13 6	18 6	13 8	16 3	18 2	19 9	9 0	9 1	9 14	13 15	18 24 1	14 11	20 4	21 6	17 8
6	24-Pergumnaha	18 12	14 8	14 0	16 0	20 0	20 0	8 0	8 0	8 0	16 0	16 0 1	15 8		***	****
7	Nuddes -	15 0	15 0	16 0	20 0	17 12	22 13	12 A	12 13	13 51	12 10	14 9 1	5 8	***		144
8	Khoolna	***	***	***	***			12 8	12 8	13 0	14 0	14 0 1	5 0	+60	Apo	•
9	Jemore .	<b>B</b> 0	12 12	18 0			•••	9 6	9 0	18 0	15 0	15 4 1	6 0	0.00		004
10	Moorshedabad*	***	***		0.0		0+	***		454	,			+61	*00	100
11	Dinagopore	19 4	19 4	12 13		20 10	10 0	13 8	15 0	15 8	18 0	19 0 1	9 8	000	***	ode
12	Rajuhahye .	16 8	16 8	16 8	26 4	28 4	37 8	13 8	13 8	13 8	15 12	15 12 1	5 0	***	101	
18	Rungpore	13 5	14 8	14 3			***	9 6	9 6	10 8	14 8	14 8 1	6 0	804	100	•
34	Bogra -	12 0	12 0	13 8		•	***	12 0	12 0	15 0	16 8	16 0 1	8 12	300	***	400
16	Pubna	17 4	18 8	10 8				6 12	6 12	7 8	15 0	14 6 2	7 4	1401	100	odro
16	Darjeeling	10 0	10 0	6 0	9 0	9 0	10 0	6 0	5 0	6 0	19 0	12 0 1	0 8		***	+00
17	Julpigoree	18 0	18 0	10 0	16 0	16 0	16 0	8 0	8 0	8 0	16 0	10 0	7 6	90+	***	NAME OF THE PARTY OF
L	Castern Districts.															
18	l/moon	13 0	18 0	15 8	10 0	16 0	26 0	14 0	14 0	14 4	15 0	16 0 1	16 0	800	***	444
10	Purroedpore	16 0	13 0	90 0	20 0	14 0	20 0	10 0	10 0	10 0	15 0	15 0 1	15 0	003	***	ado
20	Backergunge		-80	**		***		12 8	12 4	19 0	16 0	10 12	15 1	Mar.	000	
311	Mymonsingh	11 6	11 8	10 8	00+			10 0	10 0	18 0	18 0	18 0 1	17 8	840	-04	
-						0.10	IPD suct									

Return not received.

A In subdivisions retail prices of salt per rupse are 1—Curba 10 norre, univer 10 seers, and Ransegunge 102 seers.

B In subdivisions retail prices of salt per rupse are :—Contai 2 seers, Chattal 10 seers, and Tunkock 6 seers.

C In subdivisions retail prices of salt per rupse are :—Borampere 10 seers and Johannbad 10 seers.

D In subdivisions retail prices of salt per rupse are :—Borampere 10 seers, Basirhat 9 seers, Diamond Harbour (at Magrahat) 10 seers, Dum-Dum 10 seers, and Barracap re 0 seers 2 chittacks.

E in subdivisions retail prices of salt per rupse are :—Kooshten 10 seers, Majurapere 102 seers, Choosdangs 9 seers, and Barracap re 10 seers.

The subdivisions retail prices of salt per rupse are :—Kooshten 10 seers, Majura 93 seers, Narall 03 seers, and Barracap 10 seers.

## Mead-quarter Station Bazars of the Districts of Bengal on the 31st Murch 1890.

· · · · · · · · · · · · · · · · · · ·				WHOLESALE PRICES PER MAUND OF 40 SEERS.	3
MAIXE	RHAN OR THUR, CADJAN PEA. piemes indicus.)	FIREWOOD.	Salt.	SAUT.	
Present return. Next preceding return. Corresponding return of last year. Present return.	Next preceding return of hat year.	Next preceding return of last year.	Present return.  Next preceding return of last year.	Next preceding return of last year.	DISTRICTS.
S. Chijs. Chijs. Ch., c. C	h.,18. Ch   18. Ch., 18. C	Ch. S. Ch. Ch.	B. Ch B Ch. B Ch.	Ro. A. P. Mo. A. P Mo. A.	BENGAL. Western Districts.
20	0 20 0 19 0 .00	0 100 0 107 1	10 0 10 0 10 2	3 11 0 3 11 0 3 11	O Burdwan.
35 0 35 0 21 0 90	8 20 0 18 0 80	0 280 1 281 1	10 0 10 0 10 0	3 15 0 8 15 0 8 34	0 Bankoora.
107 000 107			В	400 000	Beerbhoom.
		0120 0120 0	0 3 10 8 10 4		( Midnapore
			9 0 9 0 9 0		6 Hooghly. 0 Howrah,
			T.		Central Districts.
18 4 18 5 16 16	1 17 7 17 10 100	n(1 10 n; 98 9 1	0 4 10 2 10 5	810 2 8 9 8 8 9 6	Calcutta.
18	0 18 0 19 0 100	010. 0100 01	0 4 10 v 10 4	3 9 0 3 9 1 3 10 0	24-Pergunnahe,
17 15	2 17 12 20 0		9 13 9 13 9 2	3 13 0 2 18 0 3 14 0	Nuddea.
	16-	160 6. 0	9 0 9 0 9 2	4 4 0 4 4 0 4 0 6	Khooina.
16	0 18 0 22 0 160	0 16 - 160 0	9 2 9 0 9 2	800400406	Jessers,
***		010	117 690	*** *** ***	Moorehedabad.
15 8		016. 0.6.	G	4 0 0 4 0 0 8 15 0	Dinagepore.
	20 4 22 12 240		9 0 9 0 9 9 H		Rajahahye.
10 8	9 7 18 0 100	0 100 0 120 0	8 14 8 16 9 6	680480440	Rungpore.
GB# 000 410		0 90 0 96 0	1		Bogra.
19 0				8 15 0 4 0 0 4 0 0	
14 0 16 0 20 0 8 0			31	5 0 0 5 0 0 5 0 0	
18 0	18 0 9 0 1 10	0128 0126 0	0 0 0 0 0	4 8 4 2 0 4 2 0	
	•		¥		Bastern Districts
				6 2 0 4 2 0 8 14 0	
R)s	annet hunkari		L	4 8 0 4 2 0 4 0 0	
	11 4 13 5 120		M	4 0 0 5 15 0 4 0 0	
10 0	14 0			4 8 0 4 5 0 4 0 0	Mymoneingh.

In subdivisions retail prices of salt per rupes are: - Nattere 9 seems and Nuwgong 9 seems 9 chittacks.

II In authorisions retail process of salt per russes are: - Nulphamari 9 sours, Gathanan 8 sours, and Kurigram 9 sours

At Stringer petal price of salt By source per rupee.

J At Singuri wirelessle price of sait its. . s per mande.
II In the Aimerembelivision at Fallacutte; retail price of sait 8 seems per rupos.

I. In subdivisions retail prices of salt per rupec are :- Pattackhali 9 seers, Percompace 9 seers, and Bhola 8 seers.

I is subdivisions retail prices of salt per rupes are; - historogunge 3 scors, rangan 10 soors, Jamaipere 3 scors, Shoropere 8 soors, and Netrokona 8 soors,

# PRICES-CURRENT (retail) of Food-grains, Firewood and Sait in the Head-quarter

				X																		QU	AN	ľTľ	LIE	S PER	RUP	EE IN
				,	Wate	AT.				Ba		20	-	R	CE,	nine	IZ 60	ST.		1	Rio	Z, (	ю	MOI	ŧ,	Jewa (Sorg	n on C	MOLUM nigare.
Number.	DISTRICT	9.	Presents return.		Next preceding	return.	Corresponding return	200	Present refure.		Next preceding	Commence dine return	of last year.			Next preceding	F.	Ourresponding return	of last year.	Occasion, reduced.		Mert preceding	- 1	Commence of the return	of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Be	netern Districts	00		led. Uh.	8.	Ch.	8.	t h	Į4, i	O1.	8. CI	. <sub>[H.</sub>	Ch.	8.	Ch	۱۹.	Oh.	8, (	Oh.p	н, (	Ch.	<b>%</b> .	Uh	8.	Ch	H. Ob.	9. ch	8. Ch
22	Chittagong	400	11	0	11	0	11	0			00*		100	12	0	12	0	12	0	16	8	16	8	16	14			-00
23	Noakholly	407		10		100		10		94	***		-01	14	0	15	0	15	0	15	0	16	0	15	0		***	
34	Tipperah*	100		90	1			10									40	**		0.01			110					***
25	Chittagong Tracts. Hill Tippers			. 0					1	99			101	12	7	11	7	13		18 1		13	5	16	8			-
	BEHAR.									.00																		
26	Patna	66) *	1 16	12	( H	ied. F 8 ite.	1		26	0	26 1	8 24	0	10	8	10	8	11	•	18	2	10	8	15	0	21 0	28 0	25 0
27	Gya	00+	16		1:		17	8		0	<b>3</b> 0 (	28	•	31	*	11	0	9	4	17	0	17	0	1.5	0	***	004	-00
28	Shahabad*	944		0.1				9-0		-			***					100		4.6.1		41	Più		••	***	***	100
20	Durbhunga	800	13	0	21	5 6	18	4	19	12	22 (		***	11	0	11	0	10	4 1	15	0	LS	8	16	0	90 14	,	-
80	Masufferpor	•	14	0	11	0	15	0	30	0	***	22	0	11	0	9	0	:0	0 1	7	0	16	0	13	0	P00	***	140
81	Barum	84-9	15	0	14	8	16	0	22	0	90 91	124	0	8	8	9	4	8	8 1	6	2	16	14	14	0	000	100	0.00
32	Chumperun	,		ow)	-	8	18	0	28	0	30 C	21	0	17	0	8	0	7	0 3	6	8	17	0	18	0	-04	***	
33	Monghyr	900	17	11	17	18	17	9	23	1	19 11	20	4	17	13		12	1 1	0 1		4		12	18	12	000	000	100
34	Bhagulpore	400	17	11	16	6	16	19	22	11	20 8	20	- 7	11		11	- 50 1	2 1	0 1	5 7 1	2 No	13	- 6	14	8	408	100	
35	Puracah		14	0	14	6	13	0	-0	.	***						0	18	3 11	9	0	19	0	15	0	***	104	-10
96	Maldah		20	0	19	0	16	•		-	eq.i			10	0	11	0	0	0 1	7	0	7	0	17	0	-de	100	**
87	Southal Pargi	ins.	18	٥١	18	0	13	8	***		-90	1.	.	13	0	13	0 1	4	0 1	7	0 1	16	0	10	8	***	equ.	40
36	Cuttack	.,.	1.8	2	18	2	1,8	8	-	1		1 -	-	10	8 1	0	8 1	0	0 1	8	61	19 1	11	17	1	000		-
0	Pooree		10	8	n	18	u:	1,3	***	-	0.00			15 (	2	5 1	2 1	1 4	3 2	2 1	0	28 1	0	15	12	-40		-
10	Balastro	***	16	0	15	0	2.6	0	18	oli	8 0	1.0	0	18	u 1	3	• 1	2	2	2 (	0 2	11	0	18	0	p.e	C.05	
	CHOTA SA			HO.																0	,						.70	
11	Hamribugh		18	OL	18 mc. 16	0	}17	0	13	0 1	3 0	"		10	0 1	10	0	8	0 1	6	8 1	27	0	15	•	8	000	0.00
2	Loharduggo	-01	16	0 1	Rec 14 Whi	0 1	24	)	24	0 2	1 O	16	0	14	0 1	4	0 1	<b>3</b> 6	<b>{</b>   10	6	ddl 0 1		0	15	0	100		-
2	Singhhoom	-05	10	0	3 10	0	10	50	10	0 1	0 0	14	0	16	0 1	6	0 1	6 (	11	0 0		19	0)	30	0	dise	-04	-
14	Manbhoom		1.6	0	14	8	14	0	000		***	30	0 1	12	0 1	3	0 1	5 (	) 2	2 (	0 '5	10	0	12	0	101	***	889

 <sup>↑</sup> Common rice at Jajpore 22 seem 5 chittacks per rupes, and at Kendrapara 23 seems 10 chittacks per rupes.

CALCUTTA, The 8th April, 1990.

N At Cox's Basar retail price of sait 3 seems per rupes.

O At Franky Hist retail price of sait 5 seems per rupes.

P In subdivisions retail prices of sait 5 seems per rupes.

Q In subdivisions retail prices of sait per rupes are :—Samastipur 11 seems and Madhubani 10 seems.

							A								***					
1	PR	ICES I	'File M	AUNI	)	-		6.		1					SKERS	OF 80	TOLA	HS:		
on Chou	4 10 10 10	Badha (Pengi	OR C	typikes.			LIATI	t or b		CHR	elle, elle, R He	BAG	ALAY A.		Litera	A OR CI factum idenum.)	tupko-	M ARI	CA OB	RAGI
New preceding return.	of last year.	Present roturn.	Next proceeding return.	Corresponding return of last year.			Present return.	Next preceding re-	sponding re-	1	preording 76.		Corresponding re-		Present return.	Next proceding re-	Corresponding re-	Prosent return.	Next preceding re-	Corresponding to-
11 10 0 2	0 0	2 4 0	2 4 0	2 16 :	3	8	Ch.	g Ch	. S. Cb	S. C	b. [S.	Cb.	8. Ch.							
							144	***	•••	19	12	0	11 0		ß. Cb.	6. Cb.	S. Cl.	S. Ch.	S. Ch.	. 18, C
1				;				+00	***	12	0 12	0	12 0			·	001	***	100	0.00
	904			1				***	***								-84		000	-
	40.						-0.0	-4-	***	12					1		7\$4	100	***	00
112 01		2 10 0	12.5		1		007	801	0.7						-6-	***	0.0	084	•••	
			***	404		2	2 0	22 0	15 8	24	8  23	8	25 0		441	141	70.0	***	880	
4			***			1	5 0	15 0	12 8	20	20	0	21 0	- 1	10-	***			-	000
			004				50 e	204	***	***					ld n	16 0	12 7	1	}	
		!		98a						23	20	14	2% D					+00		101
										200	) (flex)	0	34 0			500	000	***	***	201
							8 0		***			- [			0.04		***	***	***	884
						1	6 0	16 0	112 0	1					400		***	006	000	#0n
						į	***	100		24 (		)				***	644	090	•••	000
							***		18 12			1	26 4		004	10	***	601	-04	-
						j	401	***	0.00	2)			18 4				***	100		-
						1	0.079	**-	440	16	16	0	14 0			***	***	801	tates	***
							\$ 000	***	600	20	18	0	34 0			***		101	101	461
K						İ	84-	1	***	17	17	0 !	18 0		7 - 444	***	Pillo	-00	.00	rů.
									1	15 1	2 15	12 .	21 0		· · · · · · · · · · · · · · · · · · ·	***	*41		000	890
						1	10.0	004		14	7 15	12	15 12		100	410	+444	13 0	13 0	14 0
							el e	149	-	14	14	0	13 0			0 to .		100		441
																		1		
n							100	1 050	201	18	118	0	16 0		1	***	1000	***	o02	***
															ret+	101	u0 0	***	001	***
							Billio	219	***		0 17				.00	***	٥٥٥	000	***	198
							001	004	000	10	10		16 0		101	101		001	001	000
							600	554	681							-				

MARU.	A OR I	RAGI.	Kanon Italii (Seta	ASE
Present return.	Noxt preceding return.	Corresponding return of last year.	Present retuin.	
R. A. P.	R. a.F.	R. A.P.	R. A. P.	Bud
	0.00	690	3 0	3
+ 6n	*61	0.24		-
404			o das	
***	N	****	100	
				1 9
150	•••		1 12	01 (
100	00+	***	101	
***	490	104	100	F ca

OF 40 SEERS.

30 0 30 0 21 0

# Station Basars of the Districts of Bengal on the 31st March 1890-(concluded).

																							A M	AL UN EEI	D				
	D-NAI MAI Maps	EBC.			A RH Ca	DJA	or 1	PEA.			Fin	BWO	op.			BA	LT.						8.	ALT	Þ				
Present return.	Next preceding		of last year.		Present roture.	Next preceding	return.	Cornennonding saturn	of last year.	Present return.	4	return.	Corresponding return	of last year.	Present return.	No.	ם	Chamberson dine metron	of last year.		Present return.			Next preceding	return.		Corresponding return	of last year.	DISTRICTS
. Ch	, 8. C	h  vi	. Ch	.14.	Ch.	8.	Ch	.[8.	Ob.	.s. c	'b. B.	Ch	8.0	Jh.	8. Oh	. [9.	Oh.	,8.	Ch.	Ru	J. Δ.	P.	Ra	۵.	P.	Re.	eter . A.	n Z	Districts—concluded
5-0.0	.,,		144		•••					110	0 11	0	0 108	0	9 0	9	0	9	0	4	0	0	4	4	0	4	0	0	Chittagong.
444	100			8	0	8	0	8	0			•••	••		9 0	9	0	9	0	4	0	0	4	0	0	6	0	0	Noakholiy.
a0=			4				194					*9*	12		***			1	000		000			101					Tipperab.
***			***	8	 Q	8	0	95	0	820		0 (	820		8 0		0	8	0	4	8	0	4	8	0	4	8		Chittagong Hill Tracts. Hill Tippersh.
																													BEHAR.
0	24	122	8	22	0	1 .	**	25	0	130	0 13	0 (	130	0	10 0	10	0	110	0	8	14	0	3	13	9	8	12	8	Patna.
501			100	21	0	21	0	21	0	160	0 16	0 (	200	0	9 2	9	2	9	2	4	2	0	4	2	0	4	2	0	Gya.
***			194		+1+				95	4.00			004		49.1		100		**					44.0			***		Shahabad.
0	24	31	6	18	0	20	14	20	9	160	0 16	9 (	160	0	10 P	33	0	11	6	3	14	0	3	8	0	3	14	5	Durbhunga.
0 C	22	20	0	118	0	18	0	22	0	160	0 16	0 (	160	0	10 Q	10	0	10	0	3	12	0	3	12	0	3	12	0	Mosufferpore,
2 0	97	3 20	8	20	8	21	4	22	8	180	0 16	0	180	<b>O</b>	9 8	9	12	10	0	4	1	0	4	0	C	3	14	6	Sarun.
6 0	25	90	0	17	0	17	8	20	0	160	0-16	0	0 160	0	10 0	10	0	9	0	3	14	0	ě	A	0	4	Ĭ	0	Chumparur.
1 0	21	11	14	28	1	23	1	21	0	147	0 14	7	147	0	9 7	9	7	9	8	4	2	0	4	2	0	4	0	0	Monghyr,
	22 1	17	10	20	3	16	6	16	2	176	12 17	6 1	2 176	0	10 1	10	1	10	1	4	0	0	3	15	6	4	0	0	Bhagulpore.
***			<b>+ 5 +</b>	16	0	16	0	16	G	180	0 13	10	0 200	0	9 0	9	0	P	0	4	7	0	4	7	0	4	5	2-	Purneah.
B.04+		1	+ 5 9		0 = 0		599		000	160	6 16	10	120	U	9 8	9	8	9	8	4	0	0	3	14	0	4	2	0	Maldah.
14 0	25	16	0	20	0	20	0	20	0	200	0 #	iG: 1	900		9 0	9	0	9	0	4	0	0	4	0	0	4	3	0	Sonthal Pergus. ORISSA.
644		1	400	118	6	18	6	18	6	80	0, 6	0 (	80	0	11 0	111	0	111	0	3	12	0	3	12	0	2	12	0	
5 189	49.		404	14	7	14	7	11	13	80	0 8	0 (	80	0	11 13	11	13	11	13	3	6	0	8	6	0	3	6	0	Poores.
100	***		101		10.7				- 11	190	D 16	0 (	160	oi	10 C	lo	0	8	8	3	14	0	3	14	0	4	4	0	Balasoge,
Ž.																													A NAGPORE.
<b>a</b> 6	38	16	8	18		1-10		18	0	320	DIBS	10 (	390	0	8 0	8	0	8	0	4	4	0	4	4	0				t Proutier Agency Hamribagh.
90 O	32	16	8	26	0 Lai			}	17 (	120	0 19	0 1	1140	0	9 0	9	0	8	12	4	7	0	4	6	0	4	8	0	Lohardugga.
6 0	16			14	0	14	0	15	0	240	o 24	0 1	200	0	8 8 W	8	8	7	0	4	12	0	6 ]	2	0	5	8		Siagbhoom.
9 0	32	89	0	20	U	40	9	18	0	200	0 20	0 (	200	0	9 2	9	2	9	U	4	0	0	6	0	0	4	2	6 !	Manbhoom.

Published for general information.

At Bettiah rotail price of salt 10 score per rupce.

In 8 indivinues rotail price of salt 8 score per rupce.

At Klabengunge rotail price of salt 8 score per rupce.

In the Khaordah subdivision rotail price of salt 10; score per rupce.

At Bhudruck retail price of salt 9 score per rupce.

At Govindpore retail price of salt 9 score per rupce.

# PRICES-OURRENT (inholesale) of Food-grains, Firewood, and Sale

					Wı	ERA	7.							BAR	LHT						F	Lion	, 1023	et i	ont	2.					Ra	CH,	003	MOT	l.		
אַ תְּיָבֶה נְיָבֶה יַ	MARTS.		Present return.			Next preceding return.			Corresponding return	Or sage year.		Present return.			Next preceding return.		On the same of the constitution of	of last year.			Present return.			Next preceding return.		Comment of the property of	of sat year.			Present return.			Mext preceding return.			of last year.	
		R.	A	y.	K	. A.	p.	R.	۵.	<b>y</b> .	R	. 🛦 .	p.	B	. A.	p.	R.	۵.	₽.	R.	4.	P.	R.	Δ,	p.	R.	Δ.	2	R.	<b>A</b> +	р.	. k.	۵,	9.	R	٠ 4.	2
1	Calcutts	2	11	10	2	11	10	2	12	7	2	3	7	1	15	8	1	12	9	4	8	6	4	2	8	3	13	0	2	9	9	2	9	6	8	7	-{
2	Berajgunge	9	7	0	2	-6	0	2	4	0		904			***			6-0-7		4	10	0	6	8	0	3	8	0	2	14	0	2	10	0	2	4	(
3	Dacos	3	0	0	3	0	0	2	8	0	2	7	0	1	8	0	1	8	0	2	13	0	2	13	0	2	12	0	2	10	0	2	10	0	2	8	1
i	Naraingunge					011		1				0.00			***			949		8	0	0	3	0	0	2	6	0	2	12	0	2	12	0	2	4	-
5	Chittagong	3	8	0	3 tod.	8	0	3	9	0		0.00			117		)	10.4		3	4	0	3	4	0	3	4	0	2	7	7	2	7	7	2	7	-
3	Patna	2	5	9 V	2 Thit	8 1.5	6	2		0	}1	10	0	1	10	в	1	10	0	3	12	0	8	12	6	3	8	0	3	8	0	1	15	0	2	10	3
7	Balasore	2	8	0	2	8	0	000	10	0	3	0	0	8	0	0	3	0	0	3	0	0	3	0	0	. 3	4	0	3	11	0	1	11	0	2	14	-
	Pooree		ndn			101			1-0-0			601			60						100 0			***			***		1	11	0	1	11	0	2	4	0
)	Cuttack	3	0	0	3	0	C	3	0	0		nto			mbo			***		3	10	0	8	10	0	8	10	0	2	2	0	2	0	0	2	0	0

CAI CUTTA,

The 8th April, 1890.

# the undermentioned Marts of Bengal on the 31st Murch 1890.

1K	AU	IAL	LAI	ANA r or Ari	1 31	HR.	AGE	No.		In	fDI				on iys.		LIKEL.				C	AIN	IO S IAN I M	l's	A.					F	TRE	₩0	op.			-				8	ALT					
Present return.				Next preceding return.			Corresponding return	of that year.			Present return.			Next preceding return.			of last year.			Present return.			Next preceding return.			of last year.		8	Crosent return.			rear preceding return.		Corresponding return	of last year.			Present return.			Next preceding return.			Corresponding recurs		MARTS.
R. d	h. 1	P.	к.	. 4.	₽.	R	. A	» P.	-	R.	Α.	7.	R.	<b>A</b> -	<b>D</b> .	R	. 4- :	P.	ĸ.	٨.	P.	R	. 4.	P.	R	. A.	ъ.	R.	A- 1	-	R.	۵.	P.	R.	۵.	P.	R	Δ.	7.	k	Δ.	P	R	. Δ.	P.	
2 1	1	1	2	2	3	1	3.5	5	2	1 7	15	2	1	14	11				2	1	3	2	1	1	2	0	6	0	5	6	0	5	6	0	5	10	8	10	2	3	P	8	3	9	6	Calcutta.
3 4	1	0	2	2	0	8	4	1	0		94			000			***			***			***			000			***			- 00			000		3	14	0	3	14	0	3	13	0	Sorajgunge
1	)	0	8	0	0	3	- 0	) (	0					4 5 4			***		2	12	0	2	12	0	2	8	0	0	4	0	0	4	0	0	5	0	4	2	0	4	2	0	3	14	0	Dacca.
9 {	)		2	12	0	3		) (	0			-		***			104		3	2	0	8	0	0	3	2	0	0	8	0	0	8	0	0	8	0	3	12	0	8	12	0	8	12	0	Naraingun
je:	i	0	3	4	0	3	. 8	}	0					000			100			004			091					0	6	0	0	6	0	0	5	0	4	0	0	4	0	0	4	0	0	Chittagong
	2	6	1	10	6	1	9	) (	0	1 1	0	0	1	10	3	1	11	6	1	13	0				1	9	U	0	5	0	0	B	0	0	Б	0	3	14	8	3	13	9	8	12	3	Pates.
12.2	3 4	6	2	12	0	2	14	1	0		0-0			01			***	-		* 4 *			94+					0	4	6	0	4	6	0	6	6	3	14	0	3	14	0	4	4	0	Balanore,
				184			100-1							1 90			•=•			UO1	0		***						100			10.1		4	104		3	6	0	3	6	0	3	6	0	Pooree.
1	5	0	2	5	0	1	11	. (	0	4	0.0			-			***		12	0	0	2	0	0	2	0	0	0	9	0	0	8	0	0	8	0	3	12	0	3	13	Û	2	12	0	Cuttack.

Published for general information.

P. NOLAN, Secy. to the Goot. of Bengal.

#### Meteorological Report of the Province

	1											8	TATIO	UN O	BBKRV	ATION	}. 				
								AIR	Panes	VER.				Tour	BRATU	nn.		Hom	DITT.	Ot	OVD.
	DIM	B.101	P.	1	lopresent station		Highest, 5 A.M., barometer read- ion of meeth.	Lowest, & A.M., tarometer cend-	1 2	Mean reduced to sea-level.	Variation from teores to the teores of the t	Highest of	Lowest of month.	Menn daily mani-	Moun usily mini- tuom tempera- ture.	Wen daily tem-	Variation from norms,	Meso, S A.M., buzzidity	Variation from normal mond.	Mean cloud amount, 8 a.m	Sariation from
1	Peores	0-0	a 64	. d . G	ooree minipore also Poss		80°06'	20 75	1 29 KS	Barrell B	1 -1041		7014	851	30.0	AT'S	+1'4	84 81 84	=	8.8 1.1 8.8	
1	Outtook	84	949		uttack		29'99		1					1		85'9	+0.1	78	+4	8'8	+1
i	Relasoro	44	-0		eronalai		30'60		29-41	P 291864	—·000	10018	61.0	901		80 8	0	83	-	0.3	-
Í	South-West and South	16 a	PERU	me S	ampor Isla	and .	80'03	29"736	29'86	20.88		97*2	70 0	901	76.5	83.7	+04	83	:	6'3	
	Midnapore	**		30	idnapore	٠.	29:904	29-617	29.733	3 9918H	- '980	107 4	63.8	9813	30.9	8316	+13	80	-	3.3	-
I	24-Pergunnal	u, H	OWN	ih, Ci	alcutta	100	30'023	191753	29'868	329118390	1883	10010	62 6	911	71'1	61:1	+0%	84	+3	319	+ 9
1	Bardwan	y.		B	ardwan		29*935	291634	20.764	291860	- 1005	103"3	8814	D1'5	6916	021	+2'8	65	-8	818	+0
1	Bankoors	444		Be	ankoora	0 =	. 29'719	29'423	29'580	©UTES8	- '058	10311	61.3	96'1	6972	81.9	+1'0	84	-	816	
1	West Rurdwa	<b>A</b>	.,	} R	en strange	**	29725	39-612	391548	20 859	-1948	105'8	598	9417	6874	63.7	+0'6	80	-	23	-
ı	Moorebedaba				sthempor	·	29*905	29 (61)	29.794	29 933	-7063	103 3	8617	93 1	67 1	8011	+0.4	74	ah-8	818	+0
ı	Nuddea	1-04		<b>K</b> i	rishnagor	ø	301046	29'056	29 635	19:400	026	102-7	84'8	9412	6318	51 4	+214	GS	-	3.6	_
į	Jessore and K	hook	ns .		MATO	free		29.710	WH 7842	29 AS3	091	SP16	61.9	9210	719	82/3	+110	67	+8	8.8	+:
1	Chittagone		-4-		ittagong	14	29-971	89"718	20 82v	29.21	- 1063	89:6	6315	86'9	70%	7810	+19	8.6	+1	3'9	-0
Н	Chittagong H	III TV	#0#B	Re	emagri erical	00-	801045	29:743	:שיפיד	29-630	-'044	94'3	63'6	6613	7116	8016	+1:0	81	_	44	-
H	Backergunge Kaskholly			Ma	nkholty	**	South St.	29'761	291954	20'916	- '042	89'0	60.0	86'3	71'0	78-7	+1'3	82	_	0.0	-
1	Farrosdpore			100	<del>гтео</del> фраг		30 017	19 730	29'853	29 893	-'016		31.2	86 5	6915	77.6	+0.5	816	-	E'S	-
H	Doom	944	14	, Du	icos	1+	30 013	29:724	2 53	SP-873	- "062	97.6	80 6	00%	0014	79'5	+0'4	85	+8	6.0	+81
i	Tippersh	0.010	94	Co	mmillah	0.00	30.000	29'736	29 565	29 866	040	84018	58'0	87%	2012	791	+1'3	83	Ores.	61	-
4	Mymeneingh	n.0-0	84		rmonaing	h	29 992	30.09h	29 514	291873	'867	19814	56-7	82.7	66 3	77.10	+212	86	-	5'6	-
1	Bogre	1000	94		gro rajgungo	B tr s	29 966	291650	20.211	237830	100-0	100-8	36°9 56°8	9213	65.0	79 0	+21	80	_	3'8 4'1	-
ľ	Pubma Enjshahyo	800	44	P.,	mpore li	ien u	39 966	20.961	29 700	291963	-1064	140'6	5517	1/212	06.5	79.3	+19	68	_	1'0	_
				J les	nh AA b				40/710				-								
	Moldab	000	9-8		idah ngupore	***	30.8492	29°434	19773	291886 39 849	-:095	101'5	50 3	31.6	63.4	77'8	+1'3	87 87	_	914	-
н	Dinagopore Rungpore	000	***		ngpore		30*963	29'851		39'863	'081	90 4	4510	(3)	63-6	7614	+31	84	0.00	0.3	-
HT.	Julpigores as	4 0	lao b		pigoree	three .	20-774	29.404	29'545	25 843	- "078	56.1	419	87'9	57 1	72'6	-0.4	63	_	1'8	-
	Durjeeling Hill	Ten	eta	Day	rjeeling	p.p.<	85.032	22.760	23.987	-	-	66.1	36'2	67:0	4313	4916	-0.9	64	-4	22	-31
	Purnesh and Mhaguipere.	30	orth	Pur	Thous.		20 70 123	191664	SV 716	39 646	107.1	10715	4010	2.00.1	60.9	7313	-0.3	57	3	1.0	-01
13	Manufferpore	ate	40-	Mor	Eferpore	) ,						0	horval	LIDUA A	uspend	04.					
	Durbhunga	0.00	***		danna		201078	59.925	20.028	29'445	-1070	90 3	7	2,68	1 1	1	1	82	-3	1.7	+0.5
	Chaspares	009	444		iharı	700	29:887	201676	20.619	\$9*#\$@	'048	90713	40.4	8376	57'9	73'3	-0.3	65	-	17	_
-	ierna	901	140	Unn	-	101	25.200	29"130	20 000	27.840	084	98 S ]		tions is	61.8 }	75 7	-0.7	80	-		
	Shehahod	P 9 A	- {	Buz	361	10	29 835 29 876	29'507 29'518	191636 291687	29 885 29 808	'037 '038	97'8 16'8	68 1 56 3	91.2 8- 2	66 B	78.0	+0%	83	=	87	_
6	Эув	84-		Gya			200102	29 860	29"404	29°842		101 0	801	01'6	6613	7916	-0 0	81	+8	2.2	+11
1	18488	P01	ph -	Ban	kipore		29/878	EL *384	29"078	29-063	- 1066	100.2	87'8	91'8	6319	78.6	+1:1	48	-10	97	. +0.0
	outh Bhaguipe Monghyr.	100	bete	Hhng	tulpore	10.	29-1074	23-170	25/1673	450m	-'905	101.3	87'0	92 0	6015	7973	+811	66	-	8.0	-
	outhal Perguni	mho		Nagr	n Doomks	A	201004	201226	25/7830	391905	'047	1012	65'B	8818	6617	90 1	+09	67		rı	-
H	inenribugh	001	-	Hote	divogh		28 1000	27'781 2	17-166	D' 600	-1488	97'8	87'0	879	64.8	76'8	-0.3	41	0	2'9	+13
				Manc	three		17:007	17'036 2	7780	COTTOO A	- '066	97'0	87'4	67'3	60/8	78%	-0.4	81	-	177	-
	and described	100		Chyo	baom .		20-279	20'004 2	9'106	19-004	'Dati	18613	0016	99'9	6814	117	+0'8	es	-	9'8	-
An		npd d	4	Bilban, Droth					91801 T	19"940	046	88'6	64:2	77 187	88'6	6% 27 7% 8	-1:61	93 64	8	7'4	+1'4 +07 +5'9
				l'ilain										BE'30	66'2	74.6	+0.9	87	48	8'8	+39

f ., for 30 p

ı	ngal	for	the	month	of	March	1890
---	------	-----	-----	-------	----	-------	------

Diviston						N.	REVATION	TRICT OBS	DIK			
							11.1.	RAIMPA				
BICA	DISTRICT.	itopromotative			15th May	Simeo				Of month.		
Varianization:			Nomes mes num- bery rates days.	Ween number of rainy days.	Variation.	Normal mosts.	Nem of dis- inst.	Normal meen num- berofraing days.	Number of	Variation fruit mean.	Normal mean,	trict.
1	Prores ps.	Pooree Gepalpore False Point	67'8	302 8	+ 20-31	87:85	77:50	2.3	6:0	+1'83	0:00	8.42
Onthe	Outtook	Cuttack	F3'9	97'ft	+14'61	8:5190	68180	216	416	+0'71	218	1150
1 0	Halasore	Balasore	62.3	9/8/9	-5'11	55.04	82'85	2.7	8:8	+117	1120	\$.9g
	South-West Midnapore and South Sa-Pergun-	Sauger Island	BO.4	105*R	-5:01	6: 01	aĐ'97	274	4.7	+ 0:07	1°gu	1 23
1 4	111 100	Midnapore	77'0	8911	-677	64 39	47 42	28	30	-0. 1	1 102	านริ
PENGAL.	24-Persunnaha, Howark, and Houghly.	Galcutta	9010	1/61/5	+0'24	84140	84.00	38	97	- 0 1/8	1158	950
1 2	Bardwan	Burdwan	81'0	MS12	-4 67	49 16	44 au	29	8.0	-0.83	3112	01001
Soure. Was	Bankoora	Bankoora	87-3	6517	+ 2.73	54 00	10703	116	8'8	-0.52	1.10	Alah
0.70	. West Bundance	Reuigunge {	1779 }	8815	-0.09	22.37	83"18	270	8'5	+ 6*L8	0.61	0.1011
2	Moorehadahad	Berbampore	83'3	fourth	-0.76	51.83	63 du -	8.3	g*si	- 10 50	0111	0.55
	Madden	Krishnagore	83.9	B40 1 6	+0"84	B1 96	20.83	810	2.4	-0 80	1 80	p.01
,	Jessoreant Khooins	Jessere	90'7	9914	1 64	86 84	84'96	16	13	+ 3143	2 25	erat '
,	Distance -	Chittagong	113-2	11618	13 61	110 58	102 10	8.0	310	+0.44	2 117	\$:15
1	Chitmgong HillTracts	Domagri	180'8	101.9	- 25106	83 20	PR118	61	5.2	+1'81	2.7>	120
当	Backergunge	Barries	11179	103.7	-1.33	8m1#3	78'91	0.0	1:8	-1'67	z 17	9730 T
1 2	Noakholly	Nonkholly	11818	116 0	-18 25	111 94	98 GU -	5.6	6 à	-091	8 78	2110
RAST BREGAL	111 011	Purreedpore	9.3	b7 9	+3.50	20118	63,61	44	27	- 1.21	2'70	1:30
NA NA	Dacon	Dacos	9816	1113	+137/1	2:013	27.94	4%	(III)	- 1.10	3'21	173
	800 000	Commillah	104'8	\$15 B	-10'00	74 66	5N 66	8.5	818	E.Ro	6'11	196
j	Mymensingh	Mymensingh	95.0	110 4	+ 7125	59-1:	91.6	4.8	814	+0.25	8 82 1	331
)	Boura	Bogra	81 9	104.7	+1145	05°90	57'58	24	2/6	-6.23	1.10	8:77
3	100 000	Surajgunge	86 G	100 S	-1:10	20:00	86.92	174	8.0	+9'81	9 57	2.61
OUTH REPORT	Rajahahye	Rampore Rean-	6.0					1	. •	-0.0	9 01	0'05
1	Maldah	Maidah	67-7	76 0	131	86161	96-90	19	370	-010	0.40	4/11
HEA	100 too	Dinastepore	81'6	86.1	-1.05	86 88	87:58	10	und		ช วิช	0:16
20	Rungpore	Rungpore	60 3	8016	+30.10	78 74	86189	216	0.7	-1:40	8-92	tru:
	Julpizoree and Cooch Behar,	Julpiguree	19370	108.0	+ 6198	119.44	817:70	3.4	grd	-13.	194	BILE
	Darjeeling Hill Tracts.	Darjeeling	121.0	1.9 4	+ 9163	124 10	133 53	40	118	2.02	2112	9.07
al al	Purneah and Morth	Purnosh	35.0	74°2	+15 39	\$0.03	78 93	178	0.4	0144	0140	-0.50
BREAK	Mosufferpore	Mosufferpore	60 7	7814	+ 4'81	40 41	46195	1.0	10	1910 -	0.48	0:02
20	Durbhunga	Durbhungs	6078	65'0	+0.32	46 42	521;	11	1'0	-0 %	0:3u	6,000
Nonza	Chumperus	Motibari	3618	67'0	+16'5"	47 0-6	66.11	11	1'0	- 0 82	# 247	Tri5
19.	Sarun	Chupra	60.5	10 7	-8 89	43'd0	₩. A	1.1	1'8	- 0'04	0.7 ,	4107
at .	Shahabad	Buxar	660	71'0	-0.7	4U198	\$6.62	1 6	816	-0.01	041	Inso
N. H.	Gys	Gya	6u'7	67.0		42 43	37:34	1.8	510		9:59	0,25
開	Patna		61.8	6.9.9	+1'att	48100	4o 62	113	10	-0.14	0.24	\$12
SOUTH BREEK.	South Bhuguipore and Monghyr.	Shaguipore	<b>6</b> 8 9	700	-1 40	66 82	42 '5	13	0.0	-0 17	6.27	PNG
	SouthalPerguunaha	Naya Doomka	7818	6/1/6	4 2 77	\$1188	D4 66	15	8'8	-0.13	0 60	17.64
4	Hazaribagh	Hasaribagh	8416	84.4	-5%.	611th	67/64	11	18 15	-0.24	0 85	
AGFU	Lohardugga		80'0	07 1 102 d	- 4 a3	60 m	48 03	2 0 2 7	8'u 8'3	4-11/101 4-0-3-6	0.30	100
22	Hingbhoom		97'4	1600	-5.10	82 03	40 gs	20	60	-018	\$781	1700
MARR	America A	Sibsagar								4 10		

Table of Rainfall recorded at Statis

learcherical	District.	Station		1					4	7	9		10	11	11	15	14	16	10	17	18	11
1884	Poores	999 0-9				***	200	460			***	09.0	****	oran	อานัธ	0.40	0109	0'e.7 1'13	o*88 o*81			
		Banpur False Point Gap Satpars	107 1081	437 49* 600	450	084 018 019 630	9.00 0.03 65.4 484	200 000 000 000	0'78	0.51	110	100 100 110	0.40	0.83	0 13	0.03	0°96 0°09 0'57 0'65	0183 0185	0.01	***	***	10
g.	Cuttnok	Jaentoingpo lianki Cuttack Kondrapara Jajpure Dhormaslia Salipore	400 420 40 40	584 108 686 100 100	000 000 000 000	000 000 410 000 434 661	400	000 000 000 000 004 004 000 864	uros	000 000 000 000 000 000	110 100 100 000 013	000 000 000 000 000	0:80 0:85 0:80 0:18	1132 1131 1131 1131 1131	0°08 0°15 0°13	0'41	0°63 0°18 0°18	0°19 0°83 0°05 0°05	9171 218 0148	000 010 100 100 100 100	000 000 000 10- 000	
	Balacere	Ohandbali Hinddruck Sorah Bulasoro		100	0'33	003 000 000	000 000 000 000	101 104 109 200	004	6 4.4 ge	005 000 200 000	999 996 10- 996	0'81 6'81 0'87	0°23 0°11 6°73	1.19 1.19 1.19	0°14 0°10 0°53 1°18	0.12 0.12	9'35 3'' 9		0.70	1 88	
ru Wagr	Midnapore	Baripodah Contai Sauger Islau	id	005 005 005	4**	000 000 000 000	000 000 000 100	140 140		144	-0-E	001 001 000	1'83 9'42 0'10	0.27	0'61 0'61 0'15 0'86	0.73 0.81		***	0.00	**	0.08	0
		Midnap 70 tihatal Kukrahaly Garbola	20 - pr 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	600 001 667	0°23	25- 244 244 244	404 404	140 150 160	***	-01	003 005 013	198 =- 010 109	0"20 0"50 0 27 0'42	644 627 644 644	0.43	1.49	9 41 6 41 9 20	444	***	116	0 24	
	v4-Perguesna le		gg/30	584 684 444 444	0113 0113 0109	004 010 010	1948 1948 1949	100	1 000 1 000	0 0 0 0 0 0	000 045 100	949 943 944 954	8°23 1°33 1°24 1°25 0°18	024 050 000	9104 9106	0'31 0'31		961		***	 	
	Howrab	Rowenhat Rowenh Mohenreka	444		0'18	801	pq:1 pt:1 000 001	200 200 701 200	1 47 2 40, 2 40,		101	0.64 0.00 0.01	6.30 0.10 6.10	900 900 900	ตากูง ตาบ8	Who	0-0-0 0-0 9-0-0 9-0-0	***	***	100		
	Hooghly	Colsoberia Serampore Boughly Johanned		200	0°16 1°63	204 2 209	000	***	500	404 -04	804 804 8-2A	0103	0°23 0°17 0°17		0v 501	0°15 0'14 0'14	, ,,,,		e0n  	041 LC*	191	
	Resid≠an	Guina Burdwan Guiwa Kanoraungi Mankur	00 00 00 00	009 0	980 100 530 721	000 000 058 000 040	949	995 995 998 7	0103	101 00 000 111	1915 1975 1910 1910	0°35 0°13 0°01 -'20 -'20	0°18 8°24 6 18 8°19	1957 1957 1977	3+ 3+ 4+				20A 20A	***	450 191 100	
	Bankoorn	Hankoora Bishonpore Maliara Khatra	00 200 107	000 000 005 000	0"10	000 000 000	444	8706	0146	967 196 100 104	peq	N. B 0.03 W. B	0 37 291 9'46- 9'80 0'25'	000 000 010	641	60- 644 600 -000	940 604 905 997	***	***	000 000 000	100	
		Indas Kotalpore Anda Gaugajalgh Raipore Saugaukhi	odi ner	0.00 0.00 0.00 0.00	04 040 040 040 100	0 0 000 000 000 300	000 000 000 000 000	000 000 000 000 000	911	000 000 000 000 000	66 100 100 100 100	0148	0'01 0'01 0'05 0'05	101 101 101	000 000 000 000	***	400 440 400 400	101	***	# P P P P P P P P P P P P P P P P P P P		
	Heerbhonto	ith, Soory Hetamporn Rampure Hi Holpur	MOI	201 201 204 204	000 000 000 000	000 100 400	000	0*19	6°16 0°17 0°07	200 657 003 000	0'46	0 07 -'04 	0°17	500 500 500	101 207 420	 roz		0.08	4* 14. 481 124	44-	021 020 120 03	0
	Mudden	Reparkst Krahmegher Checostangs	001 000 00	200 200 200 201		1000 2100 2100 2000 2000	209 200 200 200 200	.0776	0108	000	944	0.40	0 00 0 20 0 20 0 25 0 25	600 600 648 648	**************************************	000	020 020 040	0722	10.			
	Chootne	Ragirhat Khoshan	der des	911 100 600 660	000 000 010	444 444 444 444	800 a	0.32	0.03	200 200 200	P 00 00 00 00 00 00 00 00 00 00 00 00 00	900 900 000 000 000	0°10	400 400 400 400	400 400 400	***	900 900 900 900		902 907 791 909	***	***	
	Jaguere	Bampal Namil Jessure	051 000 000	200 200 700 200	pod ron ron ase	##0 ##1 ##2 ##3	0+0 140 140 140	0126	0.09	960 J 960 J	000 000 000	8-30 6-13	0"+18 1"105 10"30 0"15	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	 		01	000	0 20*		010 1,000 1,	
	Moonbedated	Hongong Kandi Hertiampore Lalteerh	000	\$00 \$60 200 201	900 90 900 900 910	males males desta desta	400 400 400 100	6715	#10 0 15 0 ws	200 200 200 200	94A 49	07.8	0:03 0:03 0:03 0:03	6++ 6++ 6+-	7.4		# #		***	905		
		1	-02 084	ryp dyl day dre	490 100 100 41	00 001 000 000	104 104	110 1106 1106	0.09	000 000 000 000	000 000 000 000	0 is	0 000 012 053 000	.5 <sub>1</sub>	104		00d A 001 000 100	Q*S	400		,255 (	
Bereat	Onidingong	Con's Rasse Chinaging Autabiles		000 000 010	616 609 883 611	00- 00-		946 010 040		0.00	01)B	19 000 14)	## ## ## ## ## ## ## ## ## ## ## ## ##	• • • • • • • • • • • • • • • • • • • •	or-3		0.03	1'61	1 82	0 23 0 23	0°06 6°09 0 05 0 19	
	Chittagong Mill Tracts.	Noncomati Ruma			0.07			1000	***	***	68e	100	Ap. 1		0104	9180	0 tol	1.301	1.84	0.30 0.30	0140	

n Ber	ngal	in	March	1890.
-------	------	----	-------	-------

11	80	29	24	88	80	87	300	29	30	23	ser of rainy	rainy days.	ratufall for	Average rainfail for the mouth.	Heariest rampall during the mouth.	fored ruinfall from ls: January 1849, up to 3185 Mar, 1659.	ist January up to 21st March.	Station.	District.	Mateorological division.
											Number days.	Average	Total	Avera	Hest	Potal lat up to	Avera			
400	484	***	9d s	41.		**		***		***	4 6	1'8	1 89	0°87 0°68	0'67	3140 4134	1793 1781	Pooree	Poores	Ominea.
110	000	- + 0		6188		***		***	***	***	*	2.8	0.21	1.16	0.42	5·13 9·73	2:09 2:61 P	Bangur False Point. Cop. Sulpare.		1
*16	190	444	040	-14	100		***	***		164	8	118	1'70	7 0:81	0.96	2129	1:77	Pipis,	Chattanak	200
  	960 960 964	0110	***	100	110		004				6 5	815 216 211	8 116 2 40 1184	1°82 1°20 0°87	0.12	4.02 3.40 0.28	3.16 3.16	Bonki, Cuttuck, Kandenpara,		
g 10	644 847 443	***	***	***				70 040	101	***	8	2.2	0°99 0°85 1°81	1.18	0.90 0.90	9.82 1.91	2.87	Dhurmesta, Salipura.		
0 12	0.10	##0 070	*10	200	-0.		***	0+1	181	141	8	2'0 2'3 2'7	0'67 2'96 1'81	1.00 1.38 1.63	0.81	1°07 3°25 1°81	3160 3104 3174	Chandbali Bu addruck.	Balasore.	†
grq5	0.10	0'28 9'77	564 500		***	*17	***	100	154	181	6 7 4	3.4	3·19 4·74 1·41	1.20	1'18	3:39 4:80	8 7n 2 73 2 72	Balastre, J. Hasore, Baripodah,		
6 25 	91916	0101 6108	100	-01				010	***	***		3.1	9 94	1.17	1108	2:40	2*86 2 %	Centai Sauger Island	Midnapore .	BENGAL.
0.18	000 241 111	#10 #60 :	00A 00A		***			291		101	2 4 8	2'6 1'9 2'8	1.88 0.80 0.80	1'77 1'41 1'62	0184 0134 0136	0.50 0.50	3:31 8:97 8:02	Tumlock. Milmpore.		
er\$2	100		0.79	***	- 04			100	***	***	8	1	6 1/05 4:77	1100	1.48	0°12 4°77	8:21	Kukrahaty.		
994	204	100	***				***	***			2	2'9	0'87	1169	6.53 6.53	0:39 1:45	3-76 9 8-87	bour. Canning Town	14- Pergumah	
623 641	002 004 200	000 000	***			:		1	**		2 8 2	27 27 31	0°40 0°37 0°15	1.78	0.74	0°82 1°23 1°28	3'44 3'21 3 45	Barrackpore. Dum Dum.		
e48 e48	Bo Bor	000	999		. 1		***	140		421	1	310	0.16	1'88	0.18	1'65	3·64 3·72	Buserhat.	Howrah.	
6756	890	801	***					1			8	8.2	0.93	4188	0'30	0.82	3-13	(Volooberish)		
1 100	584 20	***	 			***	-	) ,		-01	3 4	3.0 3.0	0°56 0°55	1'89 1'7; 1'15	0°98 0°54 1°08	0°82 1°19 2°76	3106 3160 2181	Berampore Hooghly. Jehau-bed.	Honeghly.	
40.	162	10.0	100					* ***			2 8	2.9	0.28	1.20	0'84 0'84	0.83	2°43 2 41 2 90	Guina	Rurdwan.	
2012 4	000		65° 65° 90°	00			***	004	***	-0.0	4 3	27	1.04	0148	0151 0164 019	0.51 1'11 0'58	3,17	Cutwa. Ran-cango. Mankur.		
)04 (14)	101 101	***	45.1	***				24.		100	2 2	2.7 2.7 2.0	0.20 0.80	1'61 1'33 0'66	8°57 0°91 0°46	0.20 0.20	9 66 9 67 1 67	Bankoora Bishenpore, Matiara	Sankoers.	
1011 0+3	101	***	490 490 464 564		11		1 100		900	**	3	#13 P	0'90 0'72 1'61	1'11 P 2	04'0 0'35 0'35	0 90 0 72 2 6 4	3.12 1	Khatra. Indaa, Kotalpore,		
0'64	004 344 614	010	403 403 403 403 403		***			***	-9-	444	1 4 8	?	0140 1127 1125	) 1:15	014 0150 0144	0°46 1°17 1°23	2 84	Amia. Guzzajalghati. Raspore.		
198	003	40	784		841	0-0-0	100	000		***	6	214	0.95	10167	0.18	0:59	1:00	Sonomukhi. Sh. Soory	Secreboom,	
999 994 64s	000 000 0.0	100	100		69 680 664	492	684 684 484				8 2 1	1'4 1'n	0.40 0.40	0 43 0 71 ?	0134 0147 0147	0.40 0.40	1 1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hetampore Hant Belpur		
-	Dad .	***	001	914	40	100	401	. 801	199	***	3	213	0°47 0°35 0°20	1.81	0.49	0°83 L'20	2.21 2 95	Mararai. Rauaghat	Nudden.	
60 64 64	***	101	900 900 800	10 010 659	404	-30 -30	000	001	**		3 8	3.0 8.1	0.10	1'68 2 16 1'07	0.39 0.39	0.30	3.45	Choudauga, Muherpure, Kooshtea.		
100	901	201	924	000	001	\$60 101 102	289	001	to-	**	NII NII	3'4 2'8	NII NII	8.24 1.94	Nii Nii	1:44	3.93	Hatkhira	Khooins	
Sea Sea State	9765	000 000	001 011 011	001	994	920 205	404			204 114	2	3'7 40	0'30 Nil 0'73	3,30	0.59 Nij	1' 4 \ii 1'10	4:03 P	Khoolna. Aakipur, Bampal,		
P30	dec am	201	P9.0	500	***	461	4	004		**	3	87 47 27	6.38 6.38	1'94 2 14	0.20	3.88	8 78 3 50 8 63	Narail Jessoro.	Jeesero.	
491	000 000	500 60; 710	419 100 211	818	8.6- 8.64 6-4	866 851	006 044	991		904	2 3	4'4 8'7	0.30 0.10 0.50	2.92 7.22	0.19 0.19 0.89	0 38 0 dl 1 93	2.23 2 85	Hagoorah. Bongung		
FII	000 hr	100 "	500	144	654	191		901			8	2'1 2'4 2'8	1:9n 0:20 u:48	0'97 1'.5 0'00	0°85 0°15 0°08	0.09 0.23 1.80	-2'24 2'54 1'10	Kandi Berhampere, Lalisgo	Moorehedabad.	
201	000	210	444	410	411	014			***		9	8.3 8.9 8.4	0.01 u.23	0.67	0.18	0.33	1.40	Azingungo. Jurgipore. Lalgula,		
-	100	415 511	100 000 404 404	014	010	311 461 461		247 011 984	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***	8 1 18 11	2 2	0.13 0.08 Nii	7 7	0°08 0'08 Nil	6:17 ; 0:31 0:10	ì	Jugunga. Akhryani. Patasbari,		
	1	a	100	**	010	***		144	2-0	400		9.7	2·12 2·12	1.83	1105 1102	2.18	3'05 3'64	Cox's Baser Chittagong.	Ohistagour	EAST BENGAL.
400	***	100	***	67 4	***	000 000	1	4.		807	3	7	1.00	7	1.15	1:90	ANGA	Kutubdia, Butkanya,	Chittagone	
1		P+1	10.	404	000		. 04			60	4	8.2 9.b	4160 8197	2 30	1.41	8:07	8167 8167	Rangamati Ruma.	Hill Tracts.	

Table of Rainfall recorded at Station

				-								1				1	-	1			,	-
fetermingical division.	District.	Mtation.	1	8	3	•	8	•	7	8	D	10	11	19	18	14	10	16	17	18	20	
							1											0.82				1
-concid.	Rackergungs	Patuakhally	5 400	***	190	+60	***	4 = 6	100	100		0"11	999 949 949	010 240 976	0-17	100	998	711	0.33	999	P42	1
		Burrisal Hhols	24.4	***	194 197 194	000 000	***	910	141		***	***	+6	000	0107	9-0.0	***	6183 6107	0.89	0.00	111	
		Bauphal	u (m	***	140	860	***	911	0.,,	144		330	2 PT 2	640	600	060 -	0103	615H	1:55	0.19	900	
	Noakhelly	Rockholly	(dE.18)	***	100	111	444	447	***	***	***	100 000		N,310		9.40	0:05	3.92	1-70	140	100 100	
		Harishpore	191			132	>4	1.07		01	-	200 6	. 0	011	970 690	****	0.00	***	0'11	****	444	
	Furredpore	Madaripora Furreedpora Gonlando		***	444	***	***	***		1481 0 4 4 0 4 4	m'-55	0110	017 017	699	054		000	***	- 44	010 dec	1775	0
	Ducos	Munshigunge	Par			-44			247	eb.		0°73 tro3	0-12	500 500	0'08	001	90.0	0'44	0144 S118	0.06	hed 111	0
		Naraingungo Maniokrungo	***		***	***	0:13		-	***		Gard territ	000 000	010		0.01	0.04	0139	0.74	tros	2 + p	0
		Joydebpore	1001	444			0 13	***		401	0"2"	0106	0.00	•	**		0.13	040	404	0'87 5 97	801	"
	Hill Tippersh	Agartola	***	200	5,64		0.31		494	4 = 3	4.5	0.07	n-gn	***			0.03	0103	***	per .	431	-
	Tipperah	Chandpore Rahnunberia	250 254		401	000 000	001	6712	441	-6.		400	1,27	0'53	***		0100	0.00	0.04	1-85	981	Ì
		Romchandra-		**			000	-	100	4.		0*14	0.22	0.00	***		0:25	0:10	0.17	1-50	914	31
		Danikandi Kasha		***	***		0.00	501 407	1000	P0	0.5.		0.27		1	-	0'1-7	241	0.02	***	113 86a	}
		Lakshem	100	000		- 47	***	281		***		***	es e		€1/88		0.31		979	0125	784	110
	Mywossingh	Aim (Tomores) Mynomometh		0109			100	4.0		-8-	**	0'1/2	19		1.7 1.9 1.4+	***			001	0187	100	12
		Jamelpure		101		.,	000	60		1	1	241	***	64	10.0		0102	161	014	6,01	1000 1000	19
		Subsenskhally Purpapore	00*	2 to	***		6 · ·	,	%			-01	4.6.1	the a	6- 86+	***	8.61	181	115	0'25	194	10
		Bherpure Town Down upanj	***	100	104		10.			-			- Ban-		-1-		0. 3	***	100	-11	F-1	
ORTH BREGAL	Pubna	Pultus	100	200	***		0.14	0107 0 04	841	111		2019	1000			***	0 10	465	- TF1	***	654 654	31
	Hogen	Sherpers	848			Gred			10°	161	-	A 8 8				821	601	250	v04	400	004	1.2
		Bogra Panchbibi	226 204				U-VE	1 1000	111		(1):113	290	10.			ned .	g3+ g44	0.07	001	***	010	2.0
	Bajohahya	Beauleah	914	20-	-24		0'06	80	\$1.0 \$00			0,113	994	00- 644		0.04	0102		100	241	2 to 1	200
		Nanguon	011	***		0103	nob egs	549	644 898	400	801 104 465	15.0	201 200	546 545 544	989 995 544	040	701 201	994 904		pa.	101 100 881	010
		Manda	No.	***	191		015	beo rec	and dol	462	0.03	0:03	607	864	200	244	0.01	611	V+1	204	*>1	
	Maldob	Capal	101 101 927		11.1		001	01 fet	400 E	62 + 820	D105	0104	900	100	494	444	004	A00 (A14	100	227	995	-
	4	Mair tehpore	444	104	440	0.172 0.172	240	for to:	660	644	0'96	0.03	100	000	052	124	801	940	904	***	9706	***
	Dipapripore	The man	### ###	194	- 10 P				12.0	0-0	600 604	P911	614	100	935 A	100	1021	250	484	247	101 101	
		Hauserphat		***		***	100			400 100	004	0.00	010	79+ 0-01	Jes ess	10A 200 202	4ne 1205 2012	410		501 50 104	191	
		Thekurgaon		***		194	. 01	200		100	44.	100	443		191			***	1	190	191	-
10	Rengpore	(Gyabanda). Renapire	14.1		241	***	cia,		100						nii.	491	1970	493	400	141	-0.	alle Jan
-		Kongram Hagdonn (Nilphamari).		221	127		165	***	4.51			491	661		444 461	400	**	101	+41	111	94	aje
		L'apere		64	P40	201	900	****	010	***	043	944	499	217	102	***	110	490		40*	***	9 15
	Julpagoree	Alipare Door	***	esh ase	1000	63° 109	n a	937 7 958	660 660 660	12.	of) + 123	944	411	4984 644	106	-019 -019	944	166 1113 1011	100	mile mile	667 661	
		Falanofts   Beligand	000	909	103	1000	des these	101	-803	10%	10	801		* 6.0	100	P## ###		23.5	·	650		
	Goorb Behar	(Augraistta).	***	161	992	00)	1.00	207	Gaz.	261	001	419			104	495		00+	44.	204		
	THOUGH IP HIM	Court Belmr Mickligunga	100	100	##D	101 104	101	0 60 0 60 10 50	. Quá ben	264	4 494	910 670	***	194 114 20	100	101	100	101	10	901	-0	y'15
	Studentine Skill	Natabhanga	214 - 	ada a23	410	997	200	1 1 10	2017		J sales	411			200	000		hád	-	,,,	200	
	Darjeeling Hill	Selected	\$00- 000	44) 44)	400	1 004	600	4 (1) (C -)	8 AGO.	***	00s	10	174		600	111		144	0.09	0.03	**	
		Kampog	167.9	100	143	462	866	512	233	107	1007	420		Ag c	200	412		per	***	***		-
RAS	Permeah .	Kissengunge Arrayeah	942	064	200 440	+61 1 dag	0 05	310	410			100	***	-00		101			920	***		101
		Furnish	964	037	000	497	100	34) 600	400	* *	***	600	-11		- 0-7	0.00	200	441		0.03	444	-
		Hottori Raliaganj	610	000	**	410	200 200	200 °	400		***	955	00.	111	***	419		000 000	100		150	y t
	North Blangul-	Maddapove	det	000	***	410	0.10	8.60	201	101	437						2.00	201	000	.0		,4
	bots.	Ruspon!	200	500	100	400	0.10	002	1020		***	194	200	001	#84	111	-	***		111	000	204
				1			1				1	1	-	1						1		

230	9-9		-	9	-													1		-
1	22	23	\$6	84	20	\$7	25	29	30	31	Vunnee of rain,	freezes number of	fole! rainfal! for the menth.	Average ratiofall for the courts.	Heaviest ramfall during the month,	fotal enemial from lat January 1800 ap to 33st March 18th.	Average rainfall from al January up to Sis: March.	Station.	District.	Meteoroloxic divinon.
	484		***	1	711		1	700 0.01 0.01 0.01 1.00 0.01	20 ·	100	2 2 2	8:7 3:0 4:3 4:5 7	0-25 0-11 0-79 0-87 1-35 0-07	1181 1781 2185 1103 7	0:26 8:11 0:35 0:86 1:38 0:07	0.72 0.69 1.35 1.70 1.35 0.80	3:71 5:02 4:03 5:98	Patuakhally Perceptor, Borrion Bonnador, Bunphal	Suckernunge,	RAST HUNDAL COROLD
1 1	1113	- 444 - 444	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					***	***	104		615 613 7 7	8:09 2:05 2:05	2185 5169 1 7	1.22 1.70 2.35 0.51	3140 3127 3 31 0160	6'98 6'97	Nonbholly Fanny, Himshoore, Ramgasj.	Monkholly.	1
39			1 ee ee!		7.1		***	†  			3 3	4'8 4'11 B'11	0°80 2°64 1°01	2°63 2 79 2°3	0°39 1°55 0°85	2.02 4 44 2.7)	4'61 4'61 8'90		Furra-dpore.	l l
nç es	0 01	*			0104						6 6 5	8-2 4 1/2 8 7 6-1	2 14 2 41 1 12 1 10 0 71	3 65 2 6 : 2 6 : 1 1 4 4	0.73 2.18 0.71 0.78 0.37	3711 8117 1 160 2 77 2 65	8*84 8*96 8*80 8 8*9	Musahiganer Isona Nara ngang Masawatinga Jogdebyore,	Dawa,	
91.0			. ,,,,		101			·	411	1 100	в	518	3'78	4796	8:27	4*0A	O'N.	! Azzrtola	Hill Tipparah	
			1				i .	I			5 3	6 1 4 5 8 N	0.29 1' = 2.16 0.46	3 07 3 30 4 68	0110 0153 1155 0107	1 100 2 25 4 80 1 33	6 5 5 5 7 7	Camalgare,	fipperah.	
r60	0.10		1			***			1	0.00	9 3011 4 2	7 7 7 P	5.82 0.00 7.11 0.00	9	2 80 NH 0 27 2 30	8730 1744 9 66 3734	7	Nauernayar. Danikands, Kasts, Laksham.		
1783 1783	0 63	507 507 507 507 507						3 144 	-	1 000 1 000 1 000 1 000 1 000 1 000 1 000	8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 9 2 5 4 7 2 15 4 7 P P	Sterl 1 S - 2 Lu 1 108 4 10 6 27 1 104 0 100	3.01 3.23 1.46 2.86	1 74 1 74 1 1 7 0 7 1 1 7 1 7 8 0 77 1 7 8 0 64	4*25 5 05 3 5 1 1 165 6 44 0 77 2 1 4	8-04 8-05 8-77 2:16 8-43	Kishoregunge Atia : Tang cil Mymensonga. Jama para Netracona. Sulornakhalis Dang spore Eberry ore Tour	1.	
0 14	#14 #14	ben l	121			- 44	-				4	3 h	0:71 3:3)	1.77	0 12 0*41 3 13	1104 2105	3 19	Pubna	Pubna	North Russ
-94 -0-	)   044  -04	-A:10			99-1 5-53 3-17		1			-	1 9 1	873 3.3 2.3	6183 1104 6183	1545 1521 1639	0168 1164 0181	5°04 3°12 1'69	2.13 2.13 3.21	Sawkhilla.	Bourn.	
	8*68 **** ***		1000 mg 12		999	***	***	1 442	4.0	***	Nil S 1	10 10 11 11 11	8 d 9 d 9 ds 0 ds 0 ds	1'2' 0'83 1'40	NH 0108 0116 0116	0°13 0°13 0°13 0°13 0°13	2'11 2'43 2'11	Reautean Natione Natione La pure.	Rajshatiye,	
	984     945   984   469				204	i			***	103	Nil A Nil Nil	21 1 5 2	Nil O'gl Nil Nil	0.45 0.45	oris Nil	0°27 Nil Nil		Mardah Churchal tanjar.	Muldah.	
	1 400 1 400 1 400 1 400 1 400		907 20 00-	,	200 000 000 000 000		-	4 *** .		-AT -AT -BOS -BOS	Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni Ni N	118 114 141	0/18 Nil Nil Nil	0.74 0.75) 0.75) 0.75	O'95 Nil Nil Nil	0.35 0.18 0.12 0.12	1'78 1'35 1'09 1'04	Mahadebpore Chummon, Markunge, Dung pere.	Dinagopare.	
61					000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		***		NII NII	1'8	No.	9151 2	Nil Nil	0.84	1 53	Halonguat. Tickerysonter Blownor, unge		
101		**					i		-	=	Ni Ni	210 578 178	orne Nil Nil	195 195 196	numi Nel	0184 0165 0870	1:07 2:15 1:30	Runspor-		
36				0	***		, **				2	,	1.46	7	1:30	1155	7	(Nelpainmans,) Uspars,		
	1 541		•						14	984 984 187 187 191	NII NII NII NII	210	Nil Nil Nil Nil	1'69 ?	Nil Nil Nil Nil	078 5780 1702 074	2:3	Julpunoree Al-pure Boar Fal realty, Belogany, Blogatyore	Julpigořev.	
113	1 100				1000 1000 1000	10	   			***	Nil	3 8 3 d 3 l	0°08 0 15 NH	1'81 1'83 1 39	613 Nd	0°58 0 69 1°03	8 412 5 412 5 405	(Nagrakutta,)   Diminita Cooch Beliar Mokusunge.	Cooch Bolins	
	0'02	***					)				1	\$ 5 8 0 8 8 8 6	0':3 Nil Nil 0'08 0'20	3.10 3.10 5.50 8.50	No. 19	0°53 1°29 0°31 0°49 0°59	8'42 8'20 2 01 4'11 8'47	Bura Silkuri Dispeding. Kalumong.	Dargooline.	
	010 010 010 010 010	404			***				, , , , , , , , , , , , , , , , , , ,		NII NII NII NII NII NII	118	Nil Nil O'03 Nil Nil Nil	0.40 0.03 0.03	NII NII 0'00 NII NII NII	1/86 1/80 6/14 0/97 0/92 NH	1.72	Kumeng, Kumangunga Arrupean, Purnesh, Gondinara, Asiarampore Maccara	Purneah	ionen Banan
			101		**			21	142	***	1	1:3	Nil 0'10	010	Nil 0110 0110	0.10	1'42	Autopanj, Maddapore Seepool,	North Blingul.	

Table of Rainfall recorded at Stations

								1													
ntimeotopical distaturi	District.	Station.	1	2	3	•	6	6	7	74	p	1u	11	12	13	34	15	16	17	38	18
RIB BREAK	Durbhungs	Tajpora Durbhunga Madhubabi Bahera Roshera		***		0 d = 0 d =	0 07 0 13 0 16 0 15 0 105			188 157 024 940 700	201 020 200 020	***	***		190 -74 db 1 180	**	984 VC- 	6 TH	100		
	Monuflerpore	Sitamarhi Viozufferpore Ilajurore Paru Mahus Suntar Papri	445 446 446 440	400 400 444 444		6.03	0'04 0 11 0 07 0'20	0115 0115	***	200 200 200 200 200	007 . 000 due v10 aa 00		0-0 0-0 0-0 0-0 0-0	### ### #### #########################				**	000 010 (33 189 (00 , 0	400	
	Chumparan	Motihari Bottiah Bagaha Barhurwa		344		***	0.11 0.11 0.12 0.10	0.05	***	101 101 101		0.	*** *** ***	•••	490 01			41-	2000 2000 2000 2000	-0.	
	Sarun	Gopalgungo Sewan Chupra	904 909 909	000	***	0'10	0118	***	96	201	100	•••	70.0 FO.0	**	181		0-		***	000 001 000	
TR BURAR	Shahalad	Hurar Dehree Bhulveah Samerum Jerah	***	001	**** *** *** ***	0.03	0:38 0:20 0:40 0:76 0:76	0.00	+ 44 + 45 	+00 +00 +00 +00 +00 +00 +00 +00 +00 +00	0.08	**************************************	000	644 544 547 658	## ## ## ## ## ## ## ## ## ## ## ## ##	1000 100 100 100 100	0708	100	005 040 400 714 444	**************************************	0
	Gys	Anrungabad  Gya Nowadah Jehanabad Arwal Daudnagar Sheerghati Rajauli Pakri Bara-	000 000 000 100 000 1.1	000 100 000 400 000 000 000	2000 981 121 020 11 020	0'06	0.03 0.01 0.28 0.03	0.15	      		0.02	100 07 -06 -06 -07	#34 104 104 114 125 126 126 126 126 126 126 126 126 126 126	165 964 	**** *** *** *** *** ***	0.00 0.00 0.00 0.00 0.00 0.00			101	-0.1 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	0
	Patna	Patris Dinapore Beliar Barrh Bickram Hilas		000 000 	004 000 000	***	0°06 0°20 0°30 0°38	0'19		***	004	100 100 100 100 100	001 001 007 030 689 689	#91 #44 #44 #44 #44	# 00 + 04 - 4 + 4 		0*08			0- 20- 20- 20-	
	Honghyr	Hegografi Monghyr Jamui Gogri Sheikpura	09A 981 91.	000 001 001 001	***		0.08	***	7 7 74 7 - 10 - 10	***	94 901 902 903	elle 200 200 21 653	005 191 113 111 400	000 000 000 000	**** **** ****		69.2 09. 09. 191. 131.	1 ***	494	10-	
	South Bhagul- pure.	Bhagulpere Banka Kolgong Bangaon	***	- 5.4 - 504 - 504		*** *** ***	0'16		+1   +1   +1   +2		41 22 121 444	100	200 200 200 200	000 000 000	### ###		401	616 F94 647 64	100		-
-	Southal Pergunals.	Rajmehal Godda Pakour Nya Boomag Deoghue Juttura Mohopama Aanikaf	**** *** *** *** *** *** *** *** *** *	000 144 402 142 143 144 144	001 405 745 031 80 000		0:07 0:80 0:13 0:04 0:24 0:16	0°10 0°13 U 35		***	0'04 0'04 0'08	0°10 0°07 0°08 0°18	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 000 000 000 000 000	*** *** *** *** *** ***	400 	Orus Ururg	600 607 607 600 600 600 600 600	400 000 000 000 000	- (17 08 107 000 000 vt0	
PER NAG-	Hasaribath	Pachamba (Giridi), Hazaribagh	2.20		***		0"11	801G	***	***	0.00	0118	# 4 0 B 0 0	004				290	cod		
		Semingurah Mahmdi Hilla Juomerah Hilla Harhi Chatro Karoydeha Kamphar	111	***	200,	444	0.39	(180 (113 (113	***	0720	0°80 0°40 0°07 0°85 0°06	0.10	4 9 0 4 5 0 6 6 0 6 7 0 1 0 0	1-0 1-0 4-04 044 044	**** **** ****	100	. 100	000 010 000 010	***	304	
	Lohardunga	Isohardugga Ikasehi Paiamow Silli	000 000 000	0-15	d==	0 (1	0:42 0:42	0164 0164 0162	***	601	0°28 0'45 0°17 0°40	0°18 0°18	000 000 000	944	000 040 000	40)	***	000 000 000 000 000	004		
	singbhoom	Buscinabad Garwah Chukradhar	100	0 18 0'15	9.0	0 43	0.01	£'109	***		0.08	0.09	100	0'88	0196	40	000	400	000	400	-
	Mubbeen	Ghatsits Baharagura Purulus iiobundporn		0.08	Digar Digar	0.m5	***	0188 0158	***	100	0°33	0°42 0°20 0°17	414	0.80	0.81	004 004	444	pds 418 eds	***		
		Baghnuath- pors Barrabhoom Jhilda Chas	***	100	***	0-16	0.07	0:33	***		0'41 0'88 0'88	1:00	***	***	***	\$11 (0)	***	00 i	629	***	00

Bangal 1	for	the	month	of	March	1890	-manaluded
----------	-----	-----	-------	----	-------	------	------------

a i	22	23	**	28	367	27	au.	20	30	31	days.	Arethre Bumber of ramy days,	Total rainfall for the month.	Average market	ffeariest rainfall during the rangels.	Total Perifull from net factor, by 1880 mp.	termer minfalifren. ist January up to	Station.	Distruct.	Metessables at division,
			•		100				***	1	1 1 1 1 1 1 1	0'90 1'.5 1 1 2 7	0:07 0:13 0:05 0:03	0°23 0°28 0°37	0.07 0.08 0.08 0.08	0-11 0-11 0-05	1.33	Injuore imeliarings, Midhubusi Hakera, Reakera,	Parblungs	NORTH HERE & H -
- 1		100		42	660 661 664 664 664 664	415 446 416 416 416 416	0.0 0.0 0.0 0.0 0.0 0.0 0.0		***		Nil Sil	171	0 #4 9 11 0 17 0 29 N 1 9 70 0 70 u 24	0°63 9°40 0°58 1 1	0°04 0°13 0°07 0°20 N/1 0°20 0°30	0'45 0'17 0'17 0'10 NH 070 088	1146 1140 1140 1140 11	Mossilenpere Basipere Park, Makaa, Bukar, Pupra,	locuMarpor	
		D04	***		69	000 000 000 000		***			1 1 2	1 8 0'9 7	0728 0728 0711 0711	6183 0138 1	#119 0'12 0'11 9'21	0.78 0.49 0.67 0.21	12. 1'dei	Motibue: for tinh. Esgaha suraurua.	Champersa.	
2	- 44 miles			-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				101 001 000		1	1°1 1°4 6°9	0.11 0.11 0.11	0°15 #123 6°38	0°14 0°14	0118 0125 041	1 '46 1'16 1'33	Genigungo Sowan Chuprah.	Baran.	
900	194966 194966 194966					***	744 01 149 149	***	***	1	2 3 3	1'6 1'7 1'3 1'6 1'6	0°86 0° 6 0°45 0 86 0°09 0°23	0:87 0:68 0:66 0:49 0:49	0°28 0°20 0°40 0°76 0°77 0°23	0 30 0 36 0 15 0 90 8713 0 23	1/88 3/47 1 73 1/24 1/80	Huzar Debree, Umbrosh, Swermo, Armh, Mohaminh,	Shahrbad	SOUTH BRUAR.
Type	1.0000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.000000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.000000 1.00000 1.00000 1.00000 1.00000 1.000000 1.000000 1.00000 1.00000 1.00000000		-			40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	### ##################################	000 000 000 000 000 000 000 000 000 00	000 -00 -00 -00 -00 -00	000 000 000 000 000 000	S S S NII NII NII	1 & 1 % 1 * 4	0-20 0-25 0-15 0-15 0-15 N-1 N-1 0-02 N-1	0.28 0.42 0.47 0.45	0°12 0°19 0 06 0 20 0°15 Nil 8 11 0 02 8 11	0.20 0.35 0.13 0.37 0.15 0.11 N.11 0.02	1 a5 1 65 1 65 1 67 P	Annumentad.  (cya. Vound-h.  Johnnahad.  Armal.  Dandinapar.  Sheenphuti.  Kajama.  Pakri Bara-  soun.	Gya.	
		41	-44	,		404 604 604 7 606	70 + 70 + 10		**************************************	***	NII 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.6 0.9 1.8 1.2 1.7	0 07 NH 0 19 0 10 0 40 0 36	0:31 0:35 0:35	0.14 0.15 0.15 0.15 0.15 0.15	0.42 0.50 0.51 0.41 0.10	1'80 1'07 1'83 1'84 P	Patna Dicapoba. Rolur. Barth. Bickram. Zilea.	Patne.	
- - - 		**	1			000 020 030 030	101	205 	••	200 444 21	NII NII NII	1'0 1'5 1'1 P	0:0\ Nil 0:10 Nil Nil	0.24 6.43 6.43	Nil Nil Nil Nil	0°13 0°10 0°10 Nil Nil	1:33 1 02 1:74 1	Hogomerai Monghyr. Jamui Gagri. Sheikpura	Monghyr	
			***		** * *	***			00 001 20	***	No. 1 No. 1 No. 1 No. 1	1'1	NII 0714 NII NII	0.00	NII 0'14 NII NII	0'02 0'14 Nii Nii	1'83 1'43 1	thaguipore tianka. Kalgang. Bangaan.	South Bhagai-	
34		101 406 11 101 101 101 101			100	21.		401	*9* *** *** *	00°	3 3 5 8 8 8	0'8 1'0 1'7 2'3 1'8 1'8	0.07 0.70 0.23 0.42 0.86 Nil 1.00	0'88 0'40 0 57 0'72 0'46 0'77	0.07 9.80 0.18 0.10 0.24 0.35 N.11	0°7 0°70 0°-26 0-85 0°-42 0°85	0.98 1.59 1.77 1.05 1.75 1.75	Rajmeini Godda. Pakour. Nya Doomka Deschut. Innters Mohapama. Astath.d.	Sonthal Per- gunnaha.	
L	488.001	100		***				P		10.	0	1.0	u'8 0'41	0.60	0111	0'54	1 75 1 78	Pacamaba (G. rada), Hazartingh,	Hanaribagh	Course Names.
	00000000000000000000000000000000000000			000 000 000 000 000	***	***	•		*** *** *** ***	404	2 2 4 Nil	21	0°76 0°40 0°67 1°05 0°70 Nii	0.01	0130 0120 0100 6145 0134 Nil	0.41 0.41 0.47 1.63 0.70 Nti	1.49	Semiacoran. Manud: Alilla. Justiniah Kelia Barks. Laura. Karay-laka. Manag-laka.		-51
	0.01	0-01 10 10 10 10 10 10 10 10 10	000 000 000 100	+04 +07 +04 (++ +04 +04 +04	**** *** *** *** ***	***		000 000 000 000	000 000 000 000 000	301	5 0 4 1	8.0 8.5 1.9	1169 2162 0160 01401 0113 0138 0106	0.70 1.30 0.00	0°85 0°87 0°42 6°40 0°04 0°28 0°65	1:49 2:02 0:4: 0:13 0:50 0:4:	2.00 3.11 1.02	Loharduga Palmow, Silli. Sulumat, Hosowabad, Gorach	Lohardugga,	
	0'10	991	***	***	-01	***	100	***	989	**	8	5.0 5	5,12	1.31	1.10	2.13	20,8	Charradher- part. Chatsia.	ingunom.	
	0.01	***		***	111	***			***	0.0	7	9.9	3°57 0°57 9°80	0.91	0.23	3.67 1.03 0.88		Haharagara. Puruita , Counaporo	Manboom.	
70	990		***	wh.		000 000 000 000	- 00	***			1	7 9 9	0.91 1.84 0.38 0.38	7 2 2	0°41 1°00 0°38 u°33	1 50 0 45 0 56	P 2 2 7	ltaghunath- port. Burrathaam. discoss. Chai.		

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF MARCH 1890.

THE transition from the cold-weather conditions to those of the hot season in Bengal, which usually commences at the close of February, becomes complete in March. The normal features of the meteorology of March are therefore rapidly increasing temperature, gradually decreasing pressure, a general increase in the air motion, winds becoming westerly at the inland stations and south-westerly at the southern stations, while the northerly component in the wind directions almost disappears except in Behar; the air is also generally very dry, skies are clear, and there is an almost complete abs noe of rain, unless the norma weather conditions are disturbed by the occurrence of the local storms known as nor'-These storms are believed to be brought about by the interaction of the more or less opposing wind systems which obtain to a certain extent over Bengal in this month. for at the western stations, winds are strongly westerly, at the southern stations strong moist southerly winds usually blow, while easterly winds continue to blow down the Assam Valley, and sometimes penetrate as far as Purneah and Durbhunga. From the nature of the formation of these nor'-westers and their local character, the rainfall brought by them, which is sometimes decidedly heavy, is very irregularly distributed. Occasionally also the narral conditions in March and distributed by the formation of depressions when the the normal conditions in March are disturbed by the formation of depressions over Northern India, which extend and travel in a south-easterly direction, and give unsettled weather and perhaps rain to Behar, Chutia Nagpur, and North Bengal, but these barometric depressions are usually less numerous and less influential in character than they are in the provious cold-weather months.

By these ifregular notions a moderate amount of rain is brought to Bengal during The normal rainfall is heaviest in East Bengal, where it averages about 28 inches. In South-West Bengal North Bengal, and Orissa the fall ranges from about one to one and-a-half inches; in Chuti Nagpur it is rather less than an inch; while in Behar it is rather less

than half an inch.

Meteorology of the month.-The main features in the meteorology of March 1890, which

has been on the whole rather abnormal in character, have been—

1. The mean pressure over the province of Bengal has been rather largely in defect of the normal, the defect usually ranging from about four to seven-hundredths of an inch.

This defect has been fairly equally distributed, but it is actually largest in the northern and north-eastern parts of the province. In Assam also the defect is larger than over Bengal generally, and at Dhubri it amounts to 0.08 inch.

2. The average temperature over Bengal has been in excess sof the normal in all

districts, and indeed at almost all stations except some close to the hills in North Bengal. The usual excess ranges from about a half to nearly two degrees. In Assam also temper-

ature has been in excess of the normal by about similar amounts.

3. The variations of humidity from the average have not been large, and humidity has been in excess and in defect of the normal at an almost equal number of stations.

4. Cloud proportion has been in excess of the normal by rather considerable amounts at almost all stations in the province at which observations have been taken for a sufficient

number of years to yield reliable averages
5. During March no distinctly-formed or well-marked barometric depressions travelled over Bengal from Northern India, and thus the province was practically free from the second class of disturbances mentioned under the normal meteorology of the month. Generally disturbed conditions, during which rapid and large variations of temperature and pressure, occurred, were however prevalent over a considerable part of the province for the first two thirds of the mouth. These disturbed conditions were not sufficiently intense to produce any very prolonged and general series of the local storms known as nor westers in any district, but they only resulted in the formation of rather scattered storms which occurred at irregular intervals. In Behar the few storms which occurred gave rain from about the 4th to the 6th instant; in Chutia Nagpur and South-West Bengal a few showers occurred from the 5th to the 10th instant; in Orissa the showers attending these local storms were more numerous, and they extendel up to about the 16th instant; and in East Bengal, as usual, the disturbances extended longer than in other districts, and did not cease until about the 20th; while in North Bengal the number of local storms which occurred was extremely small and except in a few districts, no rain was received. Speaking generally of the storms of March, it may be said they were more feetle in character than usual

6. The rainfall generally over the province of Bengal has thus been on the whole rather largely in defect of the normal, and the falls in North Behar. North Bengal South-West Bengal, and South Behar, vary only from about a quarter to one-ha f the normal amount; in Fast Bengal the fall has been about two-thirds the usual; while, on the other hand, in Chutia Nagpur the fall has been slightly in excess of the normal. The only district the state of the fall has been slightly in excess of the normal. in which the fall has been in distinct or large excess is Orises, where the amount of rain

received line been about tw co as large as usual.

The daily meteorology of March in Bengal and Assam does not call for any particular detailed comment. For the first three weeks the main abnormal features were the very rapid and large changes of barometric pressure and of temperature which occurred. In the latter case changes from temperatures of three to five degrees above the normal to from six to

ten degrees below it occurred within a period of two or three days at different stations in the province, thus showing abnormally large changes even for March. In the case of pressure also the changes were large, in many cases exceeding a tenth of an inch, and in certain cases equalling about a seventh from one day to another; but together with these large daily fluctuations, there was also the steady increase of temperature was also the steady increase. tions, there was also the steady increase of temperature usual in March, and the establishment of comparatively low pressure. Accompanying these large changes there were also very frequent changes in the wind systems obtaining over Bengal, and to the alternate strengthening of the moist southerly winds and of the dry westerly and north-westerly winds blowing from the interior, which caused the interaction to take place over different districts at different periods, the alteration in the position of formation of the local storms during this period is probably due. During the last ten days of the mouth, however, these disturbed conditions practically ceased, and a period of very dry hot weather set in. during which the principal feature was the steadily increasing temperature and the establishment of temperature conditions very considerably above the normal. The low pressure which had established itself over Bengal during the earlier part of the month, however, still continued, though it was not so pronounced as it had been, and the winds blowing over the province became those usual during the hot season of the year. The meteorology of the month has therefore been somewhat abnormal, and even up to its close the weather conditions were not entirely normal for the hot season.

Pressure-During the first week of the month was above the normal in all districts, the excess usually ranging from about four to seven-hundredths of an inch. In the second week a decidedly rapid fall had occurred, and pressure had become from eight to twelve-hundredths of an inch in defect of the normal. In the third week the defect still continued, and the largest defects were slightly over a tenth of an inch in South-West Bengal, and the and the largest detects were slightly over a tenth of an inch in South-West Bengal, and the smallest about eight-hundredths of an inch in part of South-West and East Bengal. During the last part of the month pressure continued uniformly low, especially over an area extending from the centre of the province northwards over North Bengal. In the fourth week the largest defects were in Purnoah and Julpigoree, where they averaged nearly 0 15 inch, and over the remainder of the province generally the defect averaged nearly a tenth of an inch. For the whole month, therefore, the mean pressure has been in defect of the normal, the usual defect ranging from four to seven hundredths of an inch, and being usually largest in the north and north-east of the province and in Assam.

Temperature—Was during the first week of the month rather less than a decree below.

Temperature—Was during the first week of the month rather less than a degree below the normal for the period, the largest defects being registered in North Behar and Chutia Nagpur In the second week the defect had increased slightly, and it averaged one degree, the defect again being large in Chutia Nagpur and also in South-West Bengal In the third week temperature was generally rising rather rapidly, and the average temperature had become in excess of the normal by amounts ranging up to 2.5°; while in the fourth week the mean temperature both during the day and night had become largely in excess of the normal, the excess averaging from about 2° to 4° in most districts. The mean temperature for the whole month has therefore been generally in excess of the normal, the excess ranging from 0.5° in Orissa to 1.3° in North Bengal. In Assam temperature has been slightly below the normal.

The following table will show the principal variations of the day, night and mean temperatures from the normal in each week of the month at nine typical stations in different

districts of the province :-

					WEE	K UNDER	100.	WEEL	K BNDIN IARCH 18	6 14TH 190.	Wee	K ENDIN	0 21nT	W.KE	K ENDIN	to esti
	<b>G</b> TAT	rion.	).		Variation of actual mean magi- from femperature of week from permal mean	Variation of actual mean mint. mum temporalure of week from normal mean.	Variation of actual most drup temperature of week from normal meen.	Variation of actual mean maximum femin femerature of week from normal mean.	Variation of actual mean mini- mum temperature of week from morand mean.	Variation of actual near daily temperature of week from normal mean.	Variation of actual mean mast, mun, benjement of week from normal mean.	Variation of actual mean mini- mu-, temperature of week from normal mean.	Variation of actual mean daily tomporature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of wrest from normal mean.	Variation of actual mean daily temperature of work from
Cutteck	***				-918	. 0	-1'3	2'6	+0.3	-1:3	-37	+1'6	-0.a	+85	+ 2.7	+37
Calcusta					8.h	-0.8	-1.9	-8.3	-1.8	-1.4	+0'4	+ 2"4	+1'5	+4%	+312	+81
Daros	611	0.01			-14	-10	-11	-8.8	-17	-17	+0'2	4 019	+0'6	+210	+310	+3%
Burdwan	494	20.0			-1.1	+07	-12	-3.0	-0.8	-10	+0"9	+1'8	+1'3	+8'5	+179	+27
Patna	22.0	161			-8.6	+1'8	-0:3	-17	+1'8	-0.8	+1'8	+87	4.213	+1%	+37	4 276
dyn.	410	0.54	***	.,	4'0	+0'5	-12	-8:0	- 0'1	-2:0	0	+8%	+11	-1'3	+319	+1%
Purmonh	***			. 1	-8.9	-8.3	-84	-8'6	-1:1	-19	-0.5	+8'5	+0.8	+318	+113	+119
Haaariba	gb		***		-8.0	-0.8	-1'4	-40	0:8	-29	+0.2	+2'5	+1'8	+1'2	+170	+11
Darjeeling	e	111	00+		-2'6	-37	- 310	-172	-8.0	-8'0	-3.0	-1'3	-1.6	+4'5	+ 2"1	4-318

Rainfall.—The heaviest falls of rain during the month have occurred in Orissa, the stations in which have received an average amount of 2.37 inches, which is rather more than twice the usual fall. In that Bengal also an average fall of two inches has been received, but this is very little more than two-thirds the usual fall. Chutia Nagpur has received an average rainfall of one inch, which is slightly in excess of the normal amount. The stations in South-West Bengal have received an average fall of 0.57 inch, which is only about one-third of the usual amount. In all other cases the falls are exceedingly small, and average less than a third of an inch, and they are in all cases largely below the normal, the falls generally equalling from a fourth to about one-half the normal falls.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of March 1890:—

							THEF	HRATT	83.				1	BAINT.	ALL.			
					month.	month.	Av	monti		th above		O1 1001	nth.	maj	ny day	74.		1809
Mayno	)BOL				Highest observed during	Lowest observed during	Of highest of each day.	tof lowest of each day.	Of mean for each day.	Average mean of month or below normal mean of	A verage.	Formel average.	Variation.	Avvrage number in month.	Normal average sum- ber in month.	Terfation.	Average.	Fermal average.
Oriens	000	100	900	***	100'6	61%	10.4	74'5	8810	+016	2'87	1'10	+1127	810	8'6	+2'6	64'88	55'6
South-West Box	igal		9-9-9	000	107-6	84'8	991	7012	81-7	+11	0-67	1146	- 9199	916	310	-0.0	38'86	66'4
Rast Bengal	***	***	000	100	87'6	81%	87-8	80.8	7917	+13	3'00	9:00	-0186	819	6'8	-0.8	78'00	75'1'
North Bougal	107	000	***	0.00	101'5	6810	917	6210	77'0	+13	0131	1.88	-0700	216	818	-11	72'86	72.2
Forth Bahar	001	400	900	00-0	9915	4919	80%	00'1	76'9	-0.4	0'10	0.40	-0.30	0.3	119	-0.3	86.00	4016
South Behar	000	copie	***	994	10212	66-8	917	0610	78'9	+018	0196	0162	013	21	316	+87	66'06	04.7
Ibutia Ragpur	(Squill	400	181	000	97-9*	67'0°	87-6*	64.20	78°9°	-0.30	1100	9195	+0'17	4.0	215	+1%	44'10	81'0
Account		ent	0073		9716	5419	837	6818	78'2	-01								

<sup>\*</sup> Okyobnem not included.

Methodological Oppice, Bengal,

The 8th April 1890.

A. PEDLER,

Meteorological Reporter to the Govi. of Bengal.

#### Results of the Meteorological Observations taken at the Alipore Observatory from 30th March to 5th April 1890.

			2	meter		Temper	LATURE			Hyonon	HTRY.		Wind.			
Month.	Date.	Partimons to see.	Number of hours bright sunshine.	Mean pressure barons at 32° Fahr.	Near.	Marinum,	Range.	Nintmann.	Mean wet bulb.	Vapour tension.	Dev point.	Bumidity.	Prevailing direction.	Miles recorded.	Rain.	Waatem.
1890.		0		Inches.	0	0	0	0	0	Inches	0	%			Inches.	
March	30th	149-9	9-0	29 782	86-0	98-4	25-6	72-8	76.4	0.748	70-8	64	Calm and variable	56	Nil	Chicky clear
,,	31et	151-8	8-6	778	87 0	98-4	20 9	77-5	76-8	788	72-1	65	Variable	67	n	Morning aloudy day and night cluer, o.
April	lat	150.7	9-5	771	87-2	98-4	21.7	76.7	76.4	768	71-8	68	W8W and variable	71	ge	Clear.
30	2nd	150-8	9.3	707	86-7	98:4	21.5	76-9	77-8	-832	78-7	68	WSW, SSW and variable.	88	30	Chiefly clear
11	8rd	147-3	7-6	-802	85.5	94.8	19-5	75:3	78-7	-891	75-7	74	SSW and SW	118	80	Partially cloudy
5.	4th	147-1	7-6	-836	85-0	95-2	20 2	75-0	78-0	-866	74-9	78	BSW	98	81	Partially cloudy
0	5th	145 7	7-0	-826	85-3	93-6	17 6	76.0	77-4	:834	78-8	68	ssw	142	Not monsur- able.	Chiefly cloudy

				Inches.
The mean pressure of the seven days	***			29.796
The average pressure of the corresponding period for	24 years,	3G.'s (	Office	29.788
				Hours.
The total number of hours of bright sunshine				58.6
The maximum possible number of hours of sunshine			***	86.5
harman haman and or north of substitute				0
The mean temperature of the seven days			***	86.1
The average temperature of the corresponding period	for 24 va	ars. 8G	'a Office	84.0
The extreme variation of temperature	101 00 30			25.6
The marinum tomporture	000			98.4
A to maximum competature				Milos.
670 . 3 5 . 3 A 3 . 24				
The highest velocity of the wind in one hour	0.00.00		0 0 9	14
800 - 3.5-3 - A			A	lbs.
The highest pressure of wind on one square foot	0.00		Approxima	ately 2
				68
The mean relative humidity	0.00	***		68
The average relative humidity of the corresponding p	period for	24 years	, 8G.'s	
Office		0.01		67
				Inches,
The total fall of rain from 30th March to 5th April 1	890		***	Nil
The average fall of the corresponding period for 24 years		a Office		0.30
The total fall from 1st January to 5th April 1890			9.90	1.10
The average fall of the corresponding period for 24 years	MATE B.G	's Office	***	3.07
mean pressure, temperature, &c. are deduced from the	he traces o	f the B		

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No 86, formerly

The barometer readings are corrected approximately to the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

A dew; — fog; o overeast; t thunder; l lightning; d drizzling rain; D lunar corona.

C. Lattie,

For Meteorological Reporter to the Gost. of India.

MATROROLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 7th April 1890.



# Meteorological Report of the Province of Ben

37	1	1							STATIO	N OBSI	RVATION	В.			
DIVISION.					_ 1						THEFREAT	FRR.			-
Matricactosical Div	диния.	Representative	Mean barometrio beight, 5 A.M.	from reduced to see see level.	arretion from E	Prevailing direc- turb.	Mean wind ve-	Highest during urek.	Date	Lowest during week.	Date	Mean marinum lemperature.	Mean minimum temperature of week.	Mean daily tell- perature of work.	Variation from normal mean of words.
3			200	3"	> "	2				78-1	1st April	Rg18	7918	8418	-
	Poores {	Pooree Gominore False Point	99°850 25°850	29 862 29 884 29 872	-'011 -'000	Calm Northerly 88 W	147 191 0 347'0	91'8 #6'7 91'0	30th Mar. 30th Mur.	7718 7316	Stat, S ist	88 7 102'4	76'6 76'6 78'0	83 7 85 7	-0.8 -0.8 +0.8
ORIMA	Outteek	Outtack	10'788	29-970	+ 1007	Caim	81.0	106'4	30th	7819	mos la	8-98	867	45'8	+110
ō,	Balasore	Balassvo	39,900	39.989	+1004	8	1199	1.0		77-6		91.8	79.9	8610	+2"1
1	South Se-Pergunnaha	Saugor teland	20:847	29.673	+ '965	BW.	815-0	9713	a0th .,			10814	72.5	09:3	
	Midnapore	Midnapore	20'719	20-871	+ '012	8	7616	10614	soth .,	9811	30th -,,				
MAL	Rowish	Onloutin	201844	90-967	+ '011	Bouth- westerly	88	100'9	30th .,	79:7	aoth "	9013	75-9	87.1	+30
BREGAL	Heoghly	Burdwan	29:740	391850	463	Bouth-	65-7	10016	1st April	7914	30th	101'0	74.0	9.60	+23 8
Wast	Burdwan	Bankoors	991887	201830	+ 008	Califii	18.0	704.6	30th Mar.	71'4	tot ,.	108.1		00'4	+19
	Reerbhoom	Rancogunge	291534	291871	+:080	Variable	88.0	108:8	30th	71'5	lat ,	102'6	78-2	87-9	+1'6 1
Bours	West Burdwan	Berhampere	39:710	29*880	+ 009	88W	318%	10018	304h	607	1st	100'9	72.6	86'7	+170
SE :	Moorshedabad	Krishnaghvr	291807	29"878	+ 1018	WSW	1960	100'6	1st April	70-8	30th Mar.	701.6	20.0	86.8	+66
	Jessore)	Janeore	201027	29:961	+ '905	8W	67*1	101.8	such Mar.	76'4	5th Mar.	99 9	76 0	PB-0.	743
	Khooins	Chittegong	29:611	397900	-1011	SE & SSE	103*0	9011	2nd April	7819	int	B) 0	78:1	681	+80
- 1	Chittagong Bill Tracts	Demogiri						Ubenri	rations not r	sosiTrd.			86.0	0.440	
	Backergange "	Harrisal	391956	10-876	+ "011	8W	88.7	94'8	anth Mar.,	7814	8, 6 ,,	14815	76'8	8818	+87
OAL	Noakholly "	Noakholly	29:857	39-901	+ 1000	Variable	12319	9910	and & ited	78'2	and ,,	9915 9914	7610	827	+19
Basoa	Purreedpore	Furreedport"	291830	29-870	+ '008	SW	1387	93.8	dth ,,	7514	30, 31 Mar.	97'0	78 3	86 8	+3"
RABE	Dacon	Ducon	20'641	291566	- 70/2	BW	181/3	98.2	and	76.7	31at Mar., 46 April 30th Mar.	9873	78'8	85"	+3%
**	Commillah	Commiliab	291854	39-861	+ '01':	5 W	96 G	90'7	and	70 b	31, 1 April	94.4	78.2	83'5	480
1	Mymonoingh	Mymensingh .	29:802	20-218	. 0	Bouth- ensterny Boutherly	11775	163'3	3rd, 6th	6u1	104	10018	7019	5014	+10
{	Bogrà - "	Bogra	291784 4m1707	29.844	- 004	SA WSW	76 7	98%	and	GV 0	and .	97-9	\$1.8	96'0	+13 7
4	Pubus	Sornigunge	19 707	90'860	+ 011	sw	20974	100:0	Int	48.9	soth Mar.	07:9	71:0	86'8	+14
BRHOAL	Rajahahyo	Rampore Beau- leah. Maldah	29-757	29 755 1	+ "071	gw	86.1	1020	6th	63:4	2nd April	101'1	66'8	98.4	+09
- 1	Maldah	Dinagepore	10 707	29-850	- 029	sw	1887	Lug 1	4th	60 2	31st Mar.	1973	67.0	61 1	-69.8
	Dinecepore	Rungpore	19:710	391647	+ 1005	E	40.9	99-4	200h Mar.,	58 8	Slat	97'9	6619	1000	+379 2
M C	Juinteres		201538	50 0E1	"6323	Out of	184'5"	9679	4th ,,	6619	394h	9810	65.4	77'6	+21
ı	Cooch Hettaf		227963	-	_	urder.	195"1	6010	eth	67 0	20th	67.2	481	8618	+12
	Derjooling Hill Tracte	Dargooling		gr431	+ '001	WNW.	133 01	101 3	48b	88.9	ard Appl	860 8	62'4	8815	-11 1
4	North Bharulpore	Pursesb	<b>89*7</b> 03					1	Thioms subj	- anded					
Bun	Mosafferpore - "	Mosufferpore		20 000	904	Wew	161'3	(7000)	, 4th April			97'9		1	7
ORTH ]	Durbhungs	Durbhungs	597658	29-324	+ 012	WBW	156.2	9912	41h ,.	87'0	Stat Mar.	97'9	63 '0	79*4	+(1)
No.	Chumparen .	Motibari	291681	20-827	+ '010	Wa	1677	. 98.2	Sist Mar.	61.h	30, S April	9817	64'8	00'6	+19
	46783	Chupra	29*522	29 8.90	4 *015	W W W	10413	101.0	lat April	00.0	lat	100-1	72°6	88'4	+111
	Shahabed	buser	\$9°CSS	20 4/05 - 30 8.06	+ 1639 + 1639	W	124.1	191.8	Ath es	69.9	ard	10.0	67'4		-07
BBHAS.		Artub				111		Obser	vations inerg	mpiata.					
1	Patns	Gyn	95100	29'845	+:015	W	108'6	366'0	4th April	1 68"0	Brd 12	140.6	9814	6878	+81
SES	South Hhagnipers . }	Mhagulpers 2	19.061	897898	+ 1006	Calm	99-7	102.8	46l3 ++	62 0	and	100'8	60 0	95 3	+3'4
200	Monghyr		291366	29*846	+1955	Variable	30716	1011	oth	68 6	ard .,	101'1	31.8	861	497
	Sontha! Pergussals	Doomka	17 1947	39'161	+ 1019	W	84918	9715	20th Mar.	8.69	int	96 0	70:7	83:4	412
414	Hamribert	Haanribagh	27:751	29 863	+ 025	NW	84514	97.0	Slot .	46.4	lat .,	90.8	60.3	R\$16	+ 0%
OBETIA MAGRES	Hant-boom	itancher							Manada .		mu.d		78'6	6910	+00
	Sinebhoom	Chychains //	29"100	201568	+ '083	46.	40*1	106%	30121	7010	2nd .,	10016	100		
						1					1	-			

Replanation.—Summery.—The normal means of air pressure and temperature are the arithmetical average or means of the rending during the same personal temperature are the arithmetical average or means of the random average of the random in that district determined from the returns cent in by the subdivisional station for the period in question during the name of the random in the district determined from the returns cent in by the subdivisional station for the period in question during the period in the district resulting in returns a few day by the numbers of stations. A rainy day is one on which at least hundred by of an inch fall.

pr the week ending Frid ty, the 4th of April 1890.

							DISTR	IUT OBS	BRVATIO	NS.				
	B .	ä						RAIS	PALL.					
	n week.	of week	OF	FREE.	Sin	oe 1st of Ma	rch.	Bino	e tôth May	1869.	number r days.	number days.	Representative	District.
of 9 A.W.	Average cloud at 5 A.M. for	Rainfall of observing	Mean for dailriet.	Mormal mean.	Mean for district,	Fremal mona.	Feriation.	Mean for district.	Normal mean.	Variation.	Average nu	Normal nu of raing da		
90 57	7'6 1'3 8'9	Nil Nil Nil	Nil	6.80	3.49	0°87	+178	77'89	87-83	+ 20*26	010	0.08	Procee Copulpore	Pooree
ia ia	3.0	Nil	Wil	0.12	1:89	1'16	+076	06:30	53:94	+14'86	010	9'5	Cuttack	duttack
14	0	Nil	Nit	0193	2166	1:38	+3.08	88.83	65-78	- 8'23	0.0	0.2	Balsange	Halasare
3	6'1	Wil	Na	0.90	1:85	1:84	+0.08	59'97	66.03	5.08	00	818	Sauger Island	South West Midnapore South 24 Pergunnah
6	1.8	Nil	Nii	0:27	1'05	1'09	-0.00	67:43	84'26	-0.84	010	0.0	Midnapore	Midnapore
i à	1.0	2011	Nil	0'48	0150	1'07	-1:08	54100	84'89	+0.11	0.0	0.2	Galentia	de Perguanaha
0	0:3	2011	Nil	0*42	0.00	1 59	-0.88	44140	40'33	-4*84	910	0.0	Burdwas	Bundana
4	0:3	NII	Nil	-0.19	0:09	1'11	-0.53	26199	86118	+3'70	6/0	6'4	Hanhonra	Bankoora
1	017	Nil	Nil	0.18	0.00	0.33	-0.03	58:15	55'32	-0.17	0.0	0.4	Rancegunge	West Bordwan
1	311	Nil	Nil	v*25	0.28	1104	-078	81140	82114	0.65	010	0.8	Barhampore	Moorshedahad
10	0.0	Hal	Nil	0.28	0.91	102	-1'61	83 63	82:20	-0115	0.0	018	Krishnaghin	20 11
67	5:7	Na	Nil	0.94	12.0	2139	-2'17	54'90	86 71	-1.76	810	018	Jessore	( Jeanne !
	81	26 j3	Nii	0'87	2*56	2118	+ 0'62	102:00	116.61	18:74	010	0.7	Chittagong	Chi*terone
Bi6		-	Nil	0 03	4-89	8:09	+170	69.60	95 36	-18'6z	010	0.9	Deningiri	inittagone Hill Tracts
67	610	Nil	Nil	0.98	0 60	2°27	-177	70 111	80 33	-1:4:	0.0	0-8	Barries!	Backson
86	1.0	81	3661	0'67	2.80	4103	-1723	Bardy	110119	— 1815a	0.0	11	Noskholly	Nonkholly
96	17	3613	Nii	0.21	1'39	2 93	-1-51	63.61	20.112	+3.711	0.0	0.8	Farredpois	Furreedpore
58	616	Nil	NII	0.98	1:78	3134	-1'80	77:94	8616	+ 13'80	0.0	0.8	Parca	Dacon
(f)	3:6	Nii	Nil	0184	1'68	4 20	- 2:80	89164	74 72	-16728	010	1.0	Commillab	lipperah
60	8.0	2011		0.48	\$150	9140	+0'10	91-29	70:43	+ 20.42	0.0	07	Mymenumph	dymonsingh
74	1.9	Mai	Nil	0 16	0.77	1.18	+0.53	46:30 87:38	99.59	+7180	010	0.8	Bogen ,	100 00
65	217	Nil	27:1	9143	5:01	178	-1'06	34:43	86'18	-1°2s	0.0	07	Sorajgunge	Pubna
43	178	Nil	Nil	6.18	0'05	1.13	-0:48	39'9u	55 40	-15:50	00	0.4	Hampers Beauter	Maldala
67	0.1	Nil	Nil	0 13	0.01	0160	0.67	87'83	59-67	-1.00	0.6	014	Dinagepore	Dauagenora
31	8	Nit	Na!	0.41	u'ulk	171	-1 00	80 89	75 97	+99:	0.0	@"di	Range to	Rungpore
64	. 0		Nii	9155	0106	8'17	-8:11	117.70	115'61	+3 15	0:0	07	Indiangpant .	( J : Inigates
						100	-3:47	183'53	184.58	+8196	6.0	1.1		C SOUTH BOHRF
460	-	7-1	Nil	0.80	0 07	8154								Purneah
80	i)		7.0	0.119	0.05	0.27	-0147	75105	80.70	+15'35	0.0	0.3	Putness .	Sours Sungalpure
		1	Nii	0.40	0147	0.91	-0.44	48'93	66166	+ 6163	0:0	0.3	Month opnie	Moruternare
1,	0	1 3	211	0.05	0.00	6.25	-0.30	58'47	45'44	+6 73	0.0	019	Nothern	****
60	0	NI	19.61	0.00	0.12	0.11	-0.50	66'11	47 '01	+16.20	0.0	0.3	433	Chumpseun
3d 87	0.3	Net .	541	<b>©</b> *(ii)	61.7	0163	- 503	2000	43'00	3 00	00		Dehree	Service ***
27 20 36	0	11	2,11	0168	0.40	0.47	-0'u5	40'49	40.08	-0.44	0.0	0.2	Bus P	Shahabud
44				0108	0 %	0.41	-0.19	48:01	42'18	+1'-5	0.0	0.3	Mankapure	Patric
19	0	1	295	0100	6,13	0184								3
			31.1	0,08	0.00	0138	-019	42:53	66104	-1:01	0.0	0.3	Bhaguares	Monghyr
13	0	Nil	NI.	0.00	0166	0:69	-(*15	54180	61165	+2174	0.0	0.3		Sonthal Perguanabe
19	17	Nil	261	0 03	0161	0)#1	-0.10	43'64	81.86	-6:23	0.0	0.8	Hasarringh	Haz-ribagh
34	0	Nil	N11 N11	8 07 9'00	1'40	ge'#	+0.00	46.03	80168 48168	-0.41 -0.41	0.0	6.2	Ranchi {	Mantheom
50	0.7	Nit	NII	0:111	1:08	1784	-0.10	49:84	68 06	-3.83	0.0	0.9	Сруправив	Singbhoom

In reas. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater, as time clean amount represent to the part of the say covered, the whole sky bond minute transfer to be severed the number of the destrict observations of the destrict of the number of the saying of the destrict of the number of the saying of the destrict of the number of the saying of the destrict of the number of the saying of the destrict of the number of the saying

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 4th of April 1890.

					R	LIMPALL	10	100	100	To	PAL		Average		
an a tankent			as the	soeh	Stat	3	5.	E	4	of Na.	9	Total ram- full smoo	total rain- fall from	Total rain- fall since lath Mag	Average range in from 1811
Metaoralogical division.	District.	Station.	March.	Sunday. Surch.	March.	Parti.	Wednesday 2nd april.	Thursday. April.	Priday. April.	Number rainy days.	stainfall weak.	March.	int of March.	1800.	May le date.
() U100A	Poerce	Poores	000444			*****	******	000 461	000000	Nil Nil	Nil Nil	1'88	0.88	82'08	8279 54 06
		Enurish	841417	444114	******		**************************************	4.1.1.1	86	Nil	Nit	5 18 0'82	1'36	70163 77188	62 A2 80.33
		Satpara	10000	++100	******	941504	430 701	******	000 H00	Nil	Nil	0.71	7		9
	Cuttool	Jagata ngporé		48 304					612000	Nil Nil	NII Nil	3170	8186 1136	76:10 56:44	48'53
		Hanki Cuttack Kendrapara		401100 401100		40000	00111 10000	******	984411	Nil	NII NII	3'60 0'38	1'81	77°58 78'ns	80 30 51 17
		Dharmada	******	the each		** **		******	4 - 244	Nil Nil	Nii Nii	0.00 0.00	2:04	88 63 60 10 78 76	ad'us
	Balasore	Chandrali	*****	000 100	00000	19 101	10000+	******	******	1	Nil	0.67	1'11	55'71 60'91	B4 84
		Bhuddrack	800 101	880704	487944 461194		404999	*****	000000 000000	XII XII XII	NII NII NII	3.10 3.81 5.89	1:78	67°56 80°00	64159 63139 60 Ag
		Balasoro Jellasoro Raripodali	tairt*	******	000	604 · ·	00100	900000	100.004	NII NII	NII	4 7-6 1-61	1.60	64 48	\$0 14 63 100
Papra, Wast	Midnapore	Contai	*****	*****	911494					Nil Ni	NII NII	8.88 8.83	3*07	87·83 87·67	01:67 00:33
HANNAL		Sauger Iniand Tuntlook	******	200.00	*****	100 44	000.00	700 647	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N-I	NII	0.88	1 '98 1 '50	3~ au 67*16	85 50 811.0
		Ghattal	400.00	048100	******	50 40	* 0 7 0 4 8		*****	Ntl Ntl Ntl	Nd Nd Nd	1 29 9 93 4 77	163	6 : 37 51'06	27.00
	\$4-Pergunuaha	Garbette	100 100	******	*1****	461.71	*00 000	000.000	100101						
		Country Town	******	*****	-01 (8)	****	*****	**		NII NII	Nil Nil Nil	0°20 0 %7 0'41	1.08	86.13 86.13 2 .28	41:77 7 80 34
		Aliporo Jail Barrackpore	10.114	**	. 50 000	***		4	111111	NII NII	Nil	0 40 0 37	3 88 1:77	82 41 65 40	8161 316)
		Baraset Bussechat	101751		001 E00		******	## 15 ##################################	-142	Ni	Nil	0118	7.40	88 MD 66 87	88145 37146
	Howseh	Howrah Mehesreka	94.54	*****	) 000000 00000	-9-100		111.400	****	Nil	Nil Nil	0:40	1'84 1'25	00:04 55*47	86%s 66%2
		(Voluberich.	i.		-		1			201	NII	88'0	1 56	50:10	32 63
	Ho ghly	Berampore	**************************************	00011 111000		*****	00000	020 04E	******	NII	Nil	8.21 8.21	1138	36°11 43 92	8-1 20 51 45.
	Rurdwa	Culma	*****	545.000			****	******	444.44	NH	Nil	0 53 0 78	1'53	62'R4 60 00	4616
		Cuiwa		481 81	40 4	44 459	104.000	884 .0.	-1000	Nil Nil Nil	Nil	106	1 53 u 60	65 dd 667 dd	50 s= 50 s=
		Manhur	1,41.41		*****	12 400	40 431	10000	1.0000	Nil	Nil	0.43	2.30	84'23	\$ 53104 E
	Bankoora	Binhenpore .	1100 Mb	500 cm c	*****	*****	# + 4.5 # + 4.5 # # + 4.5	101104		No	NO NO NO	0'84 9'59	1138	56:43	84 ; t 83 21
		Haliara Khatra Indas	*****	PAG 17	40000	******	******	741.641	0.07 0 1 1	1 24	NII	0 9 9 0 7 2 2 6 1	3 7:13	46 H6	80 HJ
	}	Anda	100444	171 41		484194	******	******	-94	1 201	NH NH	117		61 56 61 56	
	-	Basyafalyhat Baspore Yonamakki	1		*****	*****		80 44)	100.00	Nil	NII	6.39		561 '40 8-6 79	
	Morrhheom	lib. Scory	04/004	*****			J ** **	0001115		Nil Nii	NII	0°09 0°09	0 74 0 59	89 63 47 76	\$5'50' \$5~4
		Heimpere	100 01		****	*****	9 M F pg 14		.or 0 0	NII NII NII	NII NII	0145 0145 0147	0.01	46-18 65-49	\$3:1n
	Hadden	Muraras		4000			10000	******	200.00	NB	NII	0155	1.80	53 57 66'46	49.73
		Ghoondangs	40.000	0044	1910	100.00	*****	100000	******	Nii Nii Nii	Nil	0.50	1'61	43 18 80*11	86°10 86°10 81 00
		Meherpore	******	144 Date	101.230	640	110141	000 scs	*****	18	Nil	0.00	2.07	83 44 86 72	\$7168
	Khoolen	Satkhira	*****	174800 01-041	*****	1000	180 101	**************************************	45.0000	Nil Nil Nil	Mil	NII NII	2'75 1'95	84'84	30 % 6 05 07 4 05 07 4
		Khoolna	101104	*******	****	*****	8	**************************************	40	Nil Nil	NII	0°30 2011 0°73	8 33	87-12	30/26
	Jensore	Ramphal	444444		100.00+	****			*******	NH	2013	0130	£10p	82139	40 11 85 (5)
		Jeanore Jimmidah		******	1986 FF	******	******	*****		NII NII	NII NII	0 19	2 71 2 03 2 07	84 26 80 94 87 W	22 ×8
		Bongong		10° go 4	20417	-de-ta-	100000	essette		Nil	Nil	0.80	1.83	47'94	84'73 82'25
	Moor-hade bad	Randi Berhampora		1 - 4-1	< -6:84 -+1:04			*****	*****	Nil	NI NI	0 3×	1'01 1'11 0 98	86188 46148 4718	\$7.61 \$7.41
		Lafbagh Azmenage Jungapore	1	******	***	*4.44	480-	001	10114	Nil	Nil	0133	1.13 0.85	85184	\$3 · · · \$0 · (0' \$1° bb.
		falgola	44.4900 884.003	20 424	114104	******	141234	20 200	1051100	NII NII	No.	0.13 0.13	1.10	697-6 43748 43711	
-		Patkabari	80000	-0.00-4	4 4798		*** ***	101111	******	No	NII	2611	1	7	136.22
FAM BRIDGE	· latingong	Cor's Baser	120000	10485+ 504 044	**** ·	20	101.00	******	6600gs 6600gs	Nil Nil Nil	No.	8-18 2 80 1 00	1'98 3'51	125'71 70'98 11 t du	97/16/
		Kutubdie		000111	110000	.,	******		******	Nil	NII	1 10		66 80	00.15
	Hill Tracts.	Rangamati	1	000 + 0.0	20000	******	10110	11.157	4754	Nil Nil	NII NII	8'97 8'97	8129 8168	71:17	0446
	Hedtergunge	Patrakhally	***************************************	40000	001 x113			044.000	447704	Nil Nil	MII	0:38	2754	87:91	pp 14 23 - 1 23 - 1
		Burrial	1 201 200	1-1100	pgsl = 0 /	2131.4	** * *	990 000	******	Nil	No No No	0 11 6:70 0:87	1.73 8 90 8 60	72:75 74:00 80:96	73 · · · · · · · · · · · · · · · · · · ·
	1		P#0000	-	******	*20000	000.000	******	100.5.01				1		1

# Statement of Rainfall in Bengal for the week ending Friday (8 a m.), the 4th of April 1890 -sould.

						LAIWYAL	L	Test surface		To	TAL.		Averago		Average
Montosonion1	District.	Station.	4	90Kh	200	3		Z	4 3	of yes.	0	Total rain-	total rain-	Total rain- fall since lath May	from 15:
Division.			Say serday. March.	Buday,	Monday, March.	amdey.	Wednesday.	Thursday, April.	April.	Number Paret day	Bunfall week.	March.	lat of March.	1000.	May to date.
	1	Commedit	1	70		[w	:	1 4	1	1	1	9.50	j p	62:64	
T BENGAL		Gournaddi	684944	112 20	1.000	FETABLE	80.140	400171	400000	Nil	Nil	1:76 Q:07		58.16	
	Nakholly	Ponkhotiy Ponky Harishpere	1 000 1 1000	11100 000-11		*****		11124	66	Nil Nil Nil	Nil Nil Nil	2 40 2 10	# 74 4 30	105:67 11 65 06:17	112
	Furredpore	Rampanj	104485	702441	******	******	******		receda	Nii	Nil	0.90 0.90		67:55	Bert
	101000000000	Furredpore	*****	005100	1 111		*****	47 -4	~	Nil Nil	Nil	101	8 12 2 45	99.00 99.54	86. c
	Ducca	Dac a	Eugene Dares	******	P4=103	****	******	**************************************	******	Ni	Nil	3.41 3.41 5.18	4 87 8 39 3 19	79:67 79:66 82:6	71.10 02 . 64
		Namekaunge Hamekaunge Joydebpere	******	10000	100.1	11 /2	******	******	69550) 11 11 200.00	Nil Nil Nil	Nil Nil Nil	1'10 0'71	2126	711 74 60-26	1,3
	Hill Tipperali Tipperah		44-100	+601*4	7 4 2 0 E4	*****	*****	******	****	Nii Nii	Nil	8:78 0:29	4 80	65°16 63°26	67 a
		Bahmunberia Ramohandra	141444	*****	*****	117 44	*10-0*	*** **	-02+0-	Nii Nii	Nii Nii Nii	1110 8:16	51254 51254	07 97 85 24 81 67	65
_0		hasirnagar	101001	100 000	0 05		******	*****	*****	1	6°68	6.70	2	20 up	
		Kasha Laksham	494 601	100 ·	******	187.2	190104	******	*****	Not Not Not	Nil Nil	5.89 0.08		63 10 72 35	
1	My mountmeth	Kinhareguna					470.4	***	*****	NII	Nd Nd	2'01	3°63 1°59	73:53 64 m3	74 4
		Atia (Tangar) Mymerialia Jami lpure	9/ 4- 	.0500	10000	(1	******	**************************************	311.0	Nil Nil Nil	Nil	1'05	215st 1163	100 13 67 0µ	3n : 77 2 66-
		Nati. k ma Subornakhall, Durgapure	*****	*****	*****	*****	404400	****	0.18	No.	N11 0:13 N11	0.480 0.484	2'57	131 16 58:33 132 12	75
		Sherepore Tuen Downingan;	*****	000000 00011	101 - 1	*** 49 *****	*****	101121	*****	Nil Nil	Nil Nil	6 19	7	57 26	
Nonin Bergan	Pubna	Pubna	box 414 ppable	01494	11180		005.00	******	*****	Nil Nil	Nil Nil	8.20 0.23	2.00 1.86	16.29	8617
	Hugen	Sherepore	*** *	18.50	*****					Nil	Nit	0 (-3	1.23	64 US	\$9% \$4. :
		lingsa Paneteti hi	000V+	****		*41		******	10	Nil Nil Nil	Nil	0:41	1.11	72°32 66°39	87 1
. 3	Rajshaliye	Seautenh Satture	4.0 + 4 C-0,000	**		-0.446,	*****		-14 1.	Nil	Nil	0.12 Nt)	0109	46'34 85'97	84'6 86's
	. 0	Nampson Laipure Mande	****	77.144		99-1	197.000	10000	44.469 -44.469	Nil Nil Nil	Nil Nil Nil	0 10 tent Nil	1'25	67'97 80'75 43'87	8 - 2
	Maidah	Moldah	*****		000 101			60 00		5 B	Nil	0°21 Nu	0°80 ; 0 37	50-50	83°B
		Cimnehal Gajol Seeganj	0 (44 652	***	10 '0'		****	101000	-00 00	Nil	Nil	Nil 0'34	1	#8"06 #9"70 #2"11	87
	injungepore .	Mohadel porv	000000		*****	****	100			Nu Ni	Nil Nil	O'BI	0.70	83.41	87 7 53 6
	1	Engunes Dinampote	*****	pr + #	*****	****	*****		*****	Nii Nii	No.	Nil Nil Nil	0.03 1.02	82 37	6-6 14
		Thakoorgaon	500241		411 11	10010		*****		Nil	Nil	Nil Sil	ก.คร	61 20 87*81	82.4
	Rumpor	Bonwenieus co.	*****			.4144		112441		Nil	Nil	Nil	171	. 86'89	70 3
		Rungers Rurigents Burderen	44744	4 11. (\$114.	4.1		100.00	*****		Nil	Nil Nil Nil	Nd Nd	1.33	75.01 91.63 48.49	75 T
		(Nelphamari Dispore	*****			,	*****		12000	No	2011	1:45	P	80.99	5
	Jaipiguree	Alipare Doos	***	4.414	4	484444	3+ 10 ******		****	No.	Nil	NII NII	2 25	183°45   119°58	119.7
1.		Faliarotta Debiganj Bhagatpore	*6* *8*.***	001411	*****	101544	****	*****	*****	Nil	Nil Nil Nil	Nil Nil	2 2	139.53	,
	Goodh Bekni	(Nagrakatto).	** 181	40040	AND 0-			101000		Nil Nil	NII	0.12	1'78 2'63	96°88	9- a 121 (
		Georgi Hebut Michilgunge Matabhenga.	00000	100 4	40.00	*****	-99.481	*****	- 6.6.460	No.	Nil Nil Nil	0.72 0.73 NU	1'56 271 6'00	125140	10.18
	Darjeeling Bill.	Suna dilignei conjuction	400101	*****	10-11	87.5A	00101	424144	******	Nil	24	Nil o'lis	1'87 2'27	192738 121702 129780	105 m
San Barre		Kalimp ng Kurneong		******	141700	100 0	184 681	040.00	*****	No	Nil	Nil	1:113	170783	845 es
STEE BREAD	Paramah	Arraman		117414	* 1667	11.11	10000		22 879 81 mm	Nil Nil	NII NII	NI	0:03	103°67	71138 64 a8
		Hornoub Hondwara Haiarompore	*****	101100		48474	44404		*****	NH NH NH	NII NII NII	Nil	0.21	63.75	62.7a
	North Bhagul-	Kalsagani	202-0- 0 100-		*****	44444		100001		N	Nil	Nil   Nil	0:40		
9 1	bose amelias	Maddapore scopnol Profespanj .	*****	10010	101140		100 mm	******	** *** *** **	Nil	N:1 N:1	Nil Nil	0.42	60°95 67'86 88'10	40.544 90.1
	Darbhangs	Injpore				41111		001505		RR Nil	Nii Nii	0.02	0°24 0°30	42.63 80.21	63 53
		Hailhubani	1194	****	******		1001MB	100-10	20 P	Nil	Nil Nil	0.13	6.43	#3'01 70'00	45°94
	Mounterpore	Rochero . Situmachi		100 101	******			004	49 004	Nil	Nil	0.01	0.30	#814v	44113
		Mosufi spure	889 400	901010		000 11	*****	000 00	00001	Nu Nu Nu	NII NII	011 017 0180	0.38	69 58 42'69 81'86	6ti 43
		Faru	300400	*****	01848	4.1.	907 05	******	11111	Nil	Nii	N:1 0:40		43 US	1
-		Papri	158185	*****		*****	******		¥	211	Nil	0:36	,	40 (8 )	•

# Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 4th of April 1890-concid.

					R.	LINFALL				Tor.	AL.				
Meteorological Diragion,	District.	Station.	Saturday, 19th March.	Sunday, 20th March.	Monday, 31st March.	Tuesday, 1st April.	Wednesday, 2nd April.	Thursday, 2rd April.	Priday, 4th	Number of	Rainfall of used.	Total rain- tail aimee ter of March.	Average total rain- fail from 1st of March.	Total rain- fall since lath May 1869.	Average rwinfall from 1st May to date.
Nonth Benan	Chumperun	Mothari Bettish	******	APO EQ4	*****	444.00	101-10	*****	000000	Nil Nil Nil	Nil Nil	0.18	0:43	78153 52140	45.4
-confinera.		Bayaka Burkurwa	\$10.001 \$20.000	900444	000x84	******	******	000 100	-900102	MIL	Nil	0°11 6°25	1	70'44 81'93	
	Sarun	Gopalgunge	a (140	******	091-11	111000	808 re0 104 rea 001 re4	as	100000	NII NII NII	NII NII	0°23 0°14 0°11	0°15 0°24 0°31	\$5.78 44143 40183	66'2 61.7 61.2
South Benes	Shahaba#	Chupeah Buxer Februse Hinboonh Ramerzin Armin Mohaniah	000-00 000-00 000-00 000-00 -00-11	200000 000000 000000 000000	001448 001448 001448 111-07	**************************************	644.5. 644.5.	000-00 000-00 	00000 000 0 010000 010000 04040	No No No No No No No No No No No No No N	NII NII NII NII	0 %0 0 %0 0 %5 0 %5 0 %5	0.86 0.58 0.87 0.87	67.76 61.02 84.01 83.31 62.93	3972 6079 6176 6174 6172
	G; a	Avrungabad Gya Newadah Jehambad	000518 000518		900 + 00 900 + 00 900 + 00 900 + 00	96 0	****	#20*** 	608160 00Fq64 10A000	No.	NII NII NII NII	0130 4135 0113 0130 015	0'39 0'47 0'49 0'41	80'68 40'80 80'72 87'77	48:6 43:8 41:0
		Arwal 'laudungar Shorrshat's Raciali Pakri Barawan	00 000 00 000 00 000 00 000		9-140 20144 60140 50414	######################################	000 000 000 000 000 000 000 000 000 00	#80 54 0 #40 .07 ##***** ##*****	240 -48 240 -48 240 -48 240 -48	No.	No No No No No No	Nil Nil Grog Nil	7	20 do 17 b4 31 oo	
	Pates	Patns  In p re  Rehar  Barrh  Buckeen	+00 +00 + 00 + 00 + 00 + 00 + 00 + 00		930 41.04A	11244	10000 100000 11 00 11 00	200220 200220 200220 200220	000 to 1	NII NII NII NII	NII NII NII NII	0 07 N11 0 19 0 20 0 20	0 738 0 22 0 738 0 38	81 '85' 45 '83 41 '21' 56'03 4 44 85 04	42 0 42 0 102 1 60 0
	Monghyr	Monahyr Jenus	******	######################################	# (mm = m4)	### ### ##############################	2 pt - 10	### ##   ### ##   ### ##	- + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	Nil Nil Nil Nil	Nil Nil Nil Nil	0.02 811 0.10 Mil	0°25 0°32 0°46	67.78 41.77 80.88 81.19	42 d 47 d 45 d
	South Bhagul pure	Sheikpura Sheikpura Sheik Ilyore Sheik	*** **	### (##	**************************************	001 1 001100 110 10 100 100	200000 200000 200000	405.50 -405.50 -405.50 -501.000	******	No.	No.	Nii Nii 0'14 Nii Nii	0:40	45183 45 0% 38 43 46197	
	Southel Per gunnals.	Rajmenal Godea Pas : r Nya lio-mita December Jameses	200 ABS HER	***************************************	96.00	******		00		NII NII NII NII NII NII	NA NA NA NA NA	0°07 0°70 0°24 0°23 0 42	0°36 9°43 0°54 0°56 0°62	73'83 87'10 40'42	50° 56° 54° 51
		Mohagama	201 900 401 110	******	*****	10-10-		000 +4.1 000 +01 000 +00		Nil	30	Nil 1 00	1	66'87	
CHUTTA NAG-	Haustibanh .	(Garidi).	04 000	012707		.0		19841- 24470-		Nil	Nil	0134	0.08	49:51	4.9.1
•		Remtagurah Mahudi Hilia Jhoonya Hilia Barki Chutra Kanapdaha Kanapdaha		1	*****		100 P-	**************************************	00 x00 0 200 0 17 04 6 1 04 10 04 110 04	Nil Nil Nil Nil Nil	NO NO NO NO NO NO	0°74 6°45 0°67 1°05 0°70	1177		d11
	Loharduggs	Lohar-luggu kan bi Pelamow	*****			*** **		***	40 mag	Nil Nil Nil	Nat Nat Nat	3°40 2°6: 0°86	0.01	Be 23	8414
		Balumat Balumat Basseusshad Gurwah		******	B\$.444	00 mm	=	****	*****	Not Not Not	Ba Ba Nil	0:40 0:13 0:59	7	3 6180 4 617 p 2014 43	
	Singhipon	Chrebasas Chabrachar- pure.	0.03		191 488	10,000	*****	** **1	***	NII	Nu	1.08	1'94	40'51	987
	Manuhoom	Chatella Bekaragura	0.10	88		00 c -			10011	NII	NII NII	2·18 3·67	1	00:93 07:07 64 10	1 7
	4600000	Colomipore Eschansch- pers.	6101	07.184	101030	*#1 be	******		******	Nil	Nil Nil	0'97 0'86 0'41	3.00	311/63	60
		harrathaem Jhalas Tans	PRQ149	101 4 2A 218 2A 218	484.44	****	100100	*****	*****	Nil Nil	NII NII	1150 61.01 0186	9 P	65°93 61°45	

Explanation -- Indicates that no rain has fallon. If the return for any day has not been received, the corresponding space is oft blank. If any of the return or wasting, the corresponding spaces in the total rainfull columns are left blank.

CALCETTA, the 8th April 1890.

#### SUMMARY OF THE METEUROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 4TH OF APRIL 1890.

During the past week very dry weather with fairly high temperature has continued, no rain having fallen at any of the stations in the province. Notwithstanding the absence of rain, temperature, though above the normal for the week, has not been so much in excess as during the previous week, and pressure having been rising slowly but continuously, the large defect, which has been so characteristic a feature for some time, has disappeared, and a slight excess was general in Bengal towards the end of the week. Wind circulation has been almost without change from first to last, south or south-west directions prevailing in the southern districts, westerly in Behar, and easterly or north-easterly in the north-east corner;

the last being due to the winds from the Assam valley.

On Saturday, the first day of the week, pressure was about a twentieth of an inch in defect, except in Chutia Nagpur, and temperature from four to six degrees above the normal, the largest excess being 7.8° at Mymensingh. On the following day pressure was slightly in excess in Chutia Nagpur and South Behar, while the defects had diminished elsewhere. The change of pressure on Sunday was from one to two-hundredths of an inch, except in North Bangal and South Bahar, where it was from two three-hundredths. change of pressure on Sunday was from one to two-hundredths of an inch, except in North Bengal and South Behar, where it was from two to three-hundredths. Temperature changed irregularly, but had generally fallen. Similar changes continued during the rest of the week, and from Wednesday, the 2nd of April, pressure was everywhere above the normal by small amounts, while temperature was deficient in Behar. Chutia Nagpur, and part of South-West and North Bengal. On Friday, the last day of the week, pressure was in excess by amounts ranging from 0.05 inch to 0.08 inch, and temperature was below the normal in Orissa and Behar, but was only from one to two degrees above in the other districts

Pressure—As shown above, has been slowly rising throughout the week, changes being in all cases small except on Friday, when there was a more rapid rise in East and North Bengul. The result of the steady rise is that from being about a twentieth of an inch below, it has become a twentieth of an inch above the normal. The means for the week are very nearly normal, excess being under a hundredth of an inch except in Behar and Chutia

Nagpur, where it ranges from two to four-hundredths.

Temperature-Continues in excess during both night and day, but the night temperatures are relatively lower this week, the difference from the normal at the stations given in the table below being generally between one and two degrees. Maximum temperatures are more irregular, for at Calcutta, Dacca, Purneah, and Darjeeling, mean excess is from 3° to-4° above the normal, but at Cuttack, Burdwan, Patna, and Hazaribagh it is 2° or under. The means for the large divisions of the province are nearly normal in Orissa and Behar, 1° above in Chuita Nagpur, 1°5° in North Bengal, and nearly 3<sup>8</sup> in South-West and East Bengal.

The actual temperatures during the week, the range from day to night, and their variation from the normals, are seen in the following table, where the average maximum, minimum and mean temperatures at nine typical stations in different districts in the province

are given together with their normal values :-

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 4th April 1890.

7			•			Wernst mean maximum 'em- peratur for the week ending 6th April.	Actual meen maximum tem- peratur for the week ending 6th At. 11999.	Variation of actual mean from the normal,	Normal mean minimum feur- persium for the week anding 4th April.	Actual mean minimum tem- perature for the week ending 6th April 1836.	Variation of actual mean from the normal,	Normal mean daily tempera- ime for the week online (the April.	Actual mean daily tempera- ture for the week ending atta	Variation of actual mess from the notensi
Ontends Online to	940		***	4 + 4	098	100'8	16914	4 1'5 + 3'S	7814	75'7	+1.3	88'8 8118	[41.5] 9011	+1%
Darea	900		0.0-	127	0.0	89.0	97.0	437	7418	78.3	+1"1	16176	99.5	43 (
armwan.			11.6		922	B19768	\$01 B	+ 210	74.0	7516	+1"1	87:0	441	+1:
atma	400	***	4.0	+ + 9	=10	98.7	100.0	+1'9	71:5	75'4	+0.0	83'1	89.5	+0.
lyn	460	0.11			*10	100.7		1	73.0		7	863 S 8214	80'4	
ME # 119106 63	011	100	201	***	121	90%	99.8	+3.0	64.3	61'4	-6.0	5216	8314	411
Insanitragh	624	404	994	9.01	000 .	P7.3	0.90	407	7014	70.7	+0:3	5310	55'6	
Darjeeling	791	13.	207	0.00	100	B24-98	01.2	48.0	4613	441	TIO.	9.9 U	000	4.5

Rainfall. - No rain has been reported

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 4th of April 1890:—

	+		THEF	PRATU	16.00			~ sky ~		R	AINTA	LL.				
	7	week.	Avera	gus for	week.	above ng wack.		Of wes	ili.	R	ainy di	ys.	Since of M			18th 2009.
Matrorological Divisions,	Highest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week a below normal mean of w	Average.	Normal average.	Variatios.	Average number in	Named average num-	Variation.	Average.	Wormal average.	Average.	Warmal average.
Orion	104'4	72'6	9914	77'6	9818	+ 5"1	Nil	010	-0 90	919	016	-46	9'87	1:17	66'63	35.94
louth-West Bengal .	106'4	69 7	100*4	78-5	87-9	+8.0	Nil .	0160	-0.40	0.0	0.7	-0'7	0.22	1'00	53 35	56'58
East Bougal	9816	70'8	9815	75-3	85'0	+8'7	Nii .	1800	-0'01	0.0	09	-079	9100	8'04	78.00	78-86
Corth Bengal	. 103"8	6618	8812	6619	8916	+1'5	Nil	0-20	-0.50	010	0:6	-016	0 21	1185	78'86	72'84
forth Bohar	101.3	57-9	90'0	62:2	80'3		Nu	0.07	0'07	00	0.3	-0.8	0.10	0 46	88'00	49164
outh Schare	10810	66'4	100'0	71'2	84'9	+0'7	Nil	0:07	0"07	910	0.8	0.3	0126	0.44	66'66	66'76
Ihatia Nagpur	87'5"	05'4"	95'7"	70'0"	88:4*	+1'0"	3613	0:06		810	0'3	-03	1108	9186	64'10	41-10

\* Gya and Chysbasse not included.

METEOROLOGICAL OFFICE, BENGAL;
The 8th April 1890.

C. LITTLE,

For Meteorological Reporter to the Goot. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 30th March to 5th April 1890.

		reduced			Tune	BRATURE.			1	TORONST'S	17.	-Lag
Mooren.	Date.	Pressure at 10 corrected and res to 32" Fabr.	Daily mean	Maximum.	Range.	Minimum.	Dry bulb at 10	Wet bulb at 10	Vapour tension of 10 a.m.	Dew point at 10 A.M.	Humidity at 10	Rainfall post \$6 bo
	*	Inches.		•	•	•	•	•	Inches.	•	2	Inche
Mar. 1890	30th 31st 2nd 3rd 4th 5th	29 809 877 854 868 881 919 917	86.5 88.5 67.6 87.9 85.9 85.3 85.3	98 2 99 2 99 0 99 0 96 0 94 8 94 2	28-4 21-4 22-8 22-2 20-2 19-0 17-4	74 ·8 77 ·8 76 ·2 76 ·8 75 ·8 75 ·8 76 ·8	90 4 89 6 89 6 88 8 84 6 67 6 86 4	76·1 79·8 79·5 80·0 80·5 79·7 80·2	-643 -886 -673 -906 -933 -948	67 0 76 6 76 1 70 2 77 1 76 3 77 6	46 64 63 67 69 69 78	WIL.
	The mea	n 10 a.n	. press	are of	the sav	en day			***	***	29.875	
	The mean The extra The max	eme vari	intion o	of temp			• • • •			•••	86·7 24·4 99·2	
	The mean	р 10 а.м	r. relat	ive hur			even d		•••	***	65 Inches Nil	

C. LITTLE,

For Meteerological Reporter to the Gost. of India.

Mathorological Office, India;
The 7th April 1890.

#### MEMORANDUM.

THE following summary of results has been deduced from the annexed table exhibiting the vital statistics of the principal Municipalities in Bengal for the week ending 22nd March 1890 :-

1. The ratios per mille of births stood at 22.8 as opposed to 20.9 during the preceding week ending 15th March, and of deaths at 21.5 against very nearly the same proportion, viz., 21.7. There was thus an improvement in the registration of births only.

2. The following Municipalities registered the highest proportions of births and deaths.

		Births.				Deaths.		
				Ratio pe mille.				Ratio per mille,
Arrah	• • •	***	* 1 /	56.8	Јенноге		100	61.2
Utterpara			0.0.4	47.2	Midnapore	***		49.6
Ranaghat	100	***	0.01	41.9	Poori	000	100	48 8
Comilinh	***	004	444	38.6	Utterpara	000	0.00	47-2
Bantipore	400	+ + 9	407	34.0	Scrampore	000	900	47-1
Poori	444	***	***	88.6	Comillah		***	42'4
			001	31.6	Gya	0.00	***	41.0
Monghyr	0.00		0.00	30.7	Darjiling	***	***	870
Jessore	***	890	***	30.8	Ranaghat	0 0 4		29-9

3. The mortality from the registered death-causes was as follows, in comparison with that in the preceding week ending 15th March:—

					Re	tio per millo dur	ing the weeks ending-
					Stad	March 1800.	18th March 1890,
Cholera	***			984 0	***	3.8	4:2
Small-poz	0.00			***	+40	-9	-7
Fovor	400	***	***	***	***	9.9	83
Bowel-complai	nts.	* * *	000		***	3.0	2.4
Injury	***	***	***		494	*4	.8
Other causes	0.04	***	***	800	***	6.4	6.4

The above figures denote chiefly that there was a noticeable decrease in the death-rate from cholera with an increase in that from fever.

4. Of the abovementioned death-causes, cholera, fever, and the maladies returned under the head "Other causes" proved conspicuously fatal in the following Municipalities :-

	Cholera.				Fever.			Other causes	J.	
	*		Ratio per mille.			3	latio per mele,			Ratio per mile.
Comillah Midnapore Howrah Daoca	0 0 0 0 7 7 4 0 0 0 6 1	***	34-7 18-6 7-4 8-9 3-4	Jessore Gya Purneah Rampore	Boaulcah	***	42 8 31 4 27 7 26 3	Midnapore Serampore Poori	0 = 0 0 0 0 0 0 0	20·1 17·6 16·7

The mortality from small-pox in the Poori town, although still high, was below that of the preceding week ending 15th March, viz., 14.7 against 16.8 per 1,000 of population.

5. Under the heads of Ses, Class and Age, the mortality of the week stood as

follows :-

According to Sex.		According	to Class.		Accor	usny to 2	ya.	
	Ratio per mille,			atio per mille.			1	Ratio per milie.
Males  Pemales  Ratio of male deaths to overy 100 female doaths, calculated on the proportion such mortality bears to the total male and female population	23·7 19·1	Christians Hindus Mahomedans	000	14·9 22·3 19·8	Under 1 yes 1 and under 5 10 16 30 40 60 60 years and	5 years 10 15 20 80 40 60	000	149·6 26·2 12·7 10·8 12·8 11·3 13·1 19·5 27·5 60·1

W. H. GREGG, Dip. Publ. Health, Camb., Sanitary Commissioner for Bengal.

The 7th April 1890.

C	
G	
Q	
9-	
0	
2	
2	
677	
-	
3	
2	
6.	
2	
. 25	
-	
2	
6	
arbit	
2	
Š	
the	
2	
2	
2	
1	
2	
23	
~	
2	
3	
8	
20	
8	
-	
di,	
-	
-	
-	
90	
. 23	
100	
100	
ipal Municipa	
on!	
-	
整	
E.	
40	
.E	
5.	
84	
~	
~	
-	
-	
5	
in	
-	
-	
atha in	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
We of the Reginiration of Berths and Deaths	
-	
We of the Reginiration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
We of the Reginiration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	
ing the Results of the Registration of Berths and Deaths	

Company   Comp						-		-		-	-								-		-	- 2	-							-	
March   Marc			Pol	ULATI	OM.				TRIC											MOR	TALL	- 1	CORD		-0						
March 1981   Mar						-			-	-			}	-					Die	9890									Se T		
	DISTRICTS. M	NAMES OF TAXALLA				MON			RATTI OF PE	PULAT	,000 I COM	Crous Oyes			DRATH	18 7801	1			RATIO	#	000 OF	Popes	fin .	Be	EEE 10270 (173			RATIO LOPELS	AND MISSESSEE	Limited A
Bundens   Record			1.	by lagrad	Tutal.	Makes	Veine: se.	.fool	Males.	Pemaios	Total.	Prid stem to oiteM	Cholette	seq-flum8	Porent	.e1maiqmos-lawo8								And the second s	All canses.	ne part tree reprided			Males.	sh sinte to ottable de	odt tie betripelee Harmen flens mett
Michiele Mic	-	ı	_							5	÷ 57	106	01	-	0	gra	*	•				-	2	6-3	. 81	9.94	21	(13)	3.98	2.4	20
Mathematican   Math	: eg	. oandsup		10,403	-					20	12.0	250	22	-	•			10	22 22	9				202	9.64	10.03	16	16	5	0.55	8
Ministration   Mini		arhli sad Chime		13,65						E	\$P.001	200	:	1	16	*	9 0 0	+	1.6	;	=	90	:		23.0	2. IS	£0	Pa	223	0.53	300
Mathematic   Mat	-			12,637	_			-		E.	9	100	:	-	6	•	1	0	75	;	1.0	50	61	2.41	17.7	27.3	11	13	£ 50	83	8
Mathematic and Mathem	5 :	:	-7-0	2,464					-	50 50	42 42	86	7	• •	-	91	:	em .	10	9.0	30	100	-	9.0	472	\$ .83	*	-		6.15	200
Manipulation (Market)		:			_					77	P	131	=	ant	9	PR	69	uù.	90	9	90	9	7 1-	5.3	8.1.8	\$1	51	2	10.00	10.3	35
Manufacture 1. (1976) 1970 1970 1970 1970 1970 1970 1970 1970		ę ,				-	_			0.91	<b>H</b>	25		:		an .	:	-	P		2.	-	10	6	_	17.5	4	40	2.23	21	113
Samplers				4.656		-				0 2	6.19	2 :			63 0	:	:	01 (	B 6	74 m		C 1		30	_	50 E	•	60	15.7	60	\$100 600 600
Example   Exam		:		15,970						100	3570	330			1 0-	: :	: ;	1	3 10	. 1	23	p 63				0.15	17 ed	91 0	18.0	r s	178
Mathematical Rigids   Mathematical Rigids		Ī		8,465			;	(Å)	-	:	2 8	Ne formale	:	000	7	:		-	10	:	11	100		910	21		0	•	9.84	1,98	1111
National Residence   Astronomy   Astrono	Rajsbahyel Ba	Impure Beaules		9,00						15.0	27.72	bert 1		:	30	:	:	:	10		15	92		i	26.3		1-	90	25	17.3	200
National   1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Darjiling 18 5 5 50	repline	4,879	989-48		:	1	I .	1	:			:	i	63		:	-	67	1	81	91		8-4	37.0	S	12)	41	3	5.23	9
Martinens   Table		Mercial .	CE, 780	37,579					da ar	30-1	-	123		-	in.	*	:	•	75	2.5	b	53		8.9	100	11.0	13	83	15.8	- En	100
Contribition   Cont	7	ininga)	7,603	4,856	-					1: 4	2	133		;	;	:	4	-	611	1	1			4.1	4.1	- C	1	grid	:		
	3	icharong	13,350	8,79						9.6	20	223	i	1	03	==	}	p4	148	1		61		64	111.7	9.0	4	-	15.8	61	in the second
	B)	millah	\$,153	8'922						17.	20 5	252	0	1	e=1		:	-	11 3	179	-0	30		65	9-53		*	In.		0.69	12
	i	Ina City	76,743	61,675	- 40			-	61.0	9	80. " 40	213	•	*	23	83	grad .	22			62	01	0	100	12.3	11.7	a	N.	91 000	31.2	116
	}	1	39,296	37,851					202	15.0	22 3	35	10	1	*	97	*	9	3	9.0	373	94	0		0.19	1/2 3 <u>4</u>	3	151		30.9	302
Motembrove 53,774 State 6 12 12 12 12 12 12 12 12 12 12 12 12 12	÷		30,060	22,605					820	20.3	91	176	ě		0	ŧ	94	91	22	1	10	10		24	1 36.4	0.71	Į-	16	377	D. 11	150
Harbhanes 33774 St. 26.965 50 13 52 10 12 110 27 1 10 5 2 2 1 15 17 10 5 2 2 1 15 17 10 5 2 1 15 17 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10		of age —	19,668					10:0	14.6	25.52	78	÷	1	-	-		94	4			94	T T	60	629	-	43	-	0.9	9	102
Shupers Solide Seess 51.670 is 18 is 20 1170 251 libb 1 1 5 2 3 15 17 10 50 20 20 50 1181 101 7 7 1 105 1177 100 1182 18 1 10 1 7 1 10 1 10 1 10 1 10 1 10 1	Durchange Ilv	rhhangs	\$3,774	20,00	rice draw				F- 67	9.0	54 55	146	**	ŧ	200	873	-	F0	8	1.2	-	91		Ğ4	13.7		23	Po	0.00	11.3	13
Sharadgare 28,564 27,813 57,565 10 3 13 12 1 13 3 1 2 2 9 2 0 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			450	956,95				B		0.11	-	100	i			40	04	0	12	1	2	6		2.5	1.81		1-	6	16.5	15.7	2
Monthly £8,450 25,500 37,500 11 23 30 679 507 60 7 1 5 16 63 79 72 163 170 9 7 1676 127 6,463 18,000 1 1 73 37 370 9 9 677 277 293 6 2 309 13 From 18,5463 11,531 24,756 7 3 16 167 187 336 5 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 2	artilpore 200	29,640	27,818			_		5	51 E=	1673	44	:	:	0	01	B 00	3	03	-	1	E	40	-	18.	15.6	3	11	8.27		K
Parrend 6,603 55,016 1 1 57 35 Normalo 5 5 6 577 577 577	:	2		22,596	-		-	87	Š	25.00	1.07	8	i	1	-	-	ì	477	16	:	1	17	6	6-	99 67	10.0	50	1"	9.91	12.6	183
	:	1		K,EBS	-	į,	200	-	:	in in	-	No male	:	1	en .	*		1	-	1	155	F	:	1	£.	20.3	8	01	6-98	0.	21
	:	1		H.SS.		T <sub>Q</sub>		9	167	10.0		E C	-	10	ell	01	100	le .		-	19.0	-		1 1 10	7 68-7	1007	20	10	2	1.50	127

	. 20
Camb.,	
Benith,	
Publ.	of anna
Dip.	2
GREGG,	
山	
W.	

A							1									0	MORTALITY	TY A	DOORE	ACCORDING TO-	10										
NAME   Company					,		Ole																- 60								1
Manual Company   Manu	ISTRICTS			DRAT	HO AM	OT-		Ber	TION THE	1, ueb o	Poru	i					77.5							PASTO	09'1 882	or Pos	ULATIO	788.42	1		}
Services — — — — — — — — — — — — — — — — — — —			1	-anbalti	Жарошофице.	Buddhiste,	Orbor chances.	Christiana	Hinden.	Mahomodana,	Buddhiste.	Origon obsesse.	Ondes 1 year.		James.	Joens.	Sours.	Janua"	years.	10 sohan bna 02	-dn bus renot on		eracy evedur has!							50 tohus under 60 years.	-du bas end up-
Section   Company   Comp		Burdwas		138	60	3	3	3	200	10.1	:	:	01	60	***	:	400	proj	06		000	1874		81		18.0	- 5	181	20	410	2
The finishistacolor 1 is a second with the finishistacolor 1 is a second with the finishistacolor 1 is a second with the finishistacolor 1 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishistacolor 2 is a second with the finishing with the finish				a	- Bro	I	9	:	2	:	1	į	100	6	•	:	_	89		-	-	310-			:	16.2	100	100	8 7	i	2
Mathematics   Mathematics			-	52	640	:	i	1.00	247	9.0	1	:	•	•	100	:	Ø4	-	_	-	pri	-		_	2 2		10	1	12.0	2	12
Mathematical Mathe		Beraupere		22		i	1	ŧ	2	110.9	* * * * * * * * * * * * * * * * * * * *	-	-	•	3	40	-	9	:			118			46.0		88	8		22	2.92
*** *** *** *** *** *** *** *** *** **				- ;		0	i	:	90	9 4	*	1	i		_					1		i		9 2	200	ş	2 4	167.9	i	į	0.00
Control   Cont		•	_	3	2	i	:	1	19.3	22.0	***	i	00			_	60		_		10)	737	_	i	15.8	20.00	1176	20.2	9.00	2	\$
State   Continue   C		1 1		- 1	: "	*	0 0	i	12	1	1		:	675				:		1		•	_	*	0 0	:	81-1	4 4	63.7	1	148-1
The state of the control of the cont			-		N	:	:	61.7	in	2	000	¥ 2	cost .	1		_	_		_	40	-	1067		*	3	:	10.8	T-FT	:	5	30-1
No. 1   Control   Contro			-	0 (	i	:	i	1	*	:	1	9 1	-	*	64		-			ì		198		46.0	:	100	:	- 1	1	:	192-6
				-	100	70	į	***		277	32	:	-	and		-	-	-		_				2	17.9	**	10.6	:	:	2	9.53
Note   Continue   Co				0 4	-	ž	i	ŧ	9.9	8	ž	*	**	_		:	-		pà .	-				_	:	TITE	* *	0.88	8	:	T.UE
Monthly		De cillian			10	1	:	:		6.91	:	:	6							92	:	2067	73.2		ŧ	1	80	i	2	9.12	;
Monta . Marchan		Dear June		0 5	;	ŧ	1	:	8	:	1	:	-	1				-		-	(10)	400	•	***		:	:	•	100.3	i	2007.7
Month of Collisions	2	20000		10	2	0 0	:	191	ä	13.2	:	:	40	4	_	;	10	01	00	-	p.	127	-	:		9.98	50	13.6	2	0.11	123
The contribit of the contribut of the contribit of the contribut of the contribut of the contribut of the co	- Illagong	Chichagan		1	-	4 4 4	1	:	:	9.00	:	į	:	:	_		:		:	:	hed	:	:	9		:	8	:	ŧ	*	2
Manacolis   Mana		Chemillo b			-	1	1	000	-	13.0	0	:		:	-	-		gla .	6-0		!	***	1	:		:	28.0	16.6	2	47.0	i
Heatest		Deter Clean		* :	3	*	:	;	-	10.0	*	:	*	-	60	•		ert.	-		*	1	_	8	_	:	1678	1.93	79.1	9.70	Ī
March Arrah	1	Table City			jes :	1	:	:	9-8	8.8	:	1	0.	60	5-	99		get	893	4	*	368		90		:	1.0	63	11.0	ä	1.91
	ahabas	2	_	0		-	•	!	4 %	ä	*	f	100	•	-	•	-	0	•	6 12	18	N	_	1	ä	2	2.13	9.08	31.0	670	151'5
March   Marc	Sent Marchan	Arras	_	D .	67	1	*	:	191	12.4	811		00	-	65)	:				E		8	_	7.08	:	i	:	2.75	:	3	1.99
Chapter   15   2	orbhanga	a osuwerpore	-		**	10	:	1	Pro 0	9.31	;	i	-	~	2	440		-		-	-	.99	12.0		22	1	i	1	10.0	;	ž
Horse Hammington II is a many marked with the series of th	1	and and and		2	-			0 0	16.0	207	:	:	80)	95	01	and .	-	.00	-	60	00	100	137	19.3	9.6	1	7.0	14.0	0.18	n.a	8.99
Monthly		Campras ::	_	2	•	*	-	*	18.7	6.3	ī	-	*	89	p/6	-	e4	940		900	-	107	_	-	9.01	15.0	90	î	2	3.81	-8
Permands		Design pore	_	22	-	:	:	1	17-0	22	0 0	1	ged	-	61		100		_	2		2	2		-	24.0	19	!	-163	H	2
TOTALS 25 6 11° 65° 1 1 6 1 1 6 1 1 6 1 6 1		_	1	-	<i>m</i>	ŧ	:	:	19.1	12.0	:	*	46		:	-	-	_	70	1	-	176	_	1	gnd gh	18.8	10.1	11.7	:	ż	6.50
TOTAL 2 350 112 16.0 253 19.3 73 43 27 20 40 44 67 61 76 140°5 29 29 12.7 10°5 12.8 11.3 13.1 19°5 27		Penel		**	•	ŧ	:	:	1.3	2.3	:	:	-		:	-		-		-		185	-	**	9.53	:	67.6	* * * * * * * * * * * * * * * * * * * *	9.8	20.98	9.99
3 350 112 16.9 22 19.3 13 43 27 20 20 46 44 47 61 76 140 5 12 8 11 5 11 5 15 1 10 5			1		1	;	1	:	\$	8	:	0 0	•	_	00			00					67.4	46.4	57	1	19.7	30.00	21.3	0.99	2.5
		TOTAL	**		91	:	;	14.9	60 21 20	19.9	:	1	73	1	<u> </u>			-	1					187	=	12.8	11.8	18.1	10.0	18	1.98

OPPHR OF BANTLARY COMMISSIONER FOR BENGAL,
The 8th April 1890,

# BASTERN BENGAL STATE BAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BRHAR SECTIONS.) Approximate Return of Traffic for week ended 22nd March 1890, on 747 miles open.

						_		-				-		49-				
	COACHIN	TRAFF	10.		MERCHAND	18I	PPIC.	)E 01.	ΔL	Other on	und)		Tota			THAPPIC	TRAIN-MILE	2 2U2,
,h	Number of passengers.	Conchi			Weight carried.		Receip	ts	0	steam-b			garnis	gs.		Coaching.	Morchan- disc.	Total.
		Ra.	A. 1		MDs.	0.	Ro.	A -	p.	Ro.	A, 2		āta.	<b>∆.</b> 1	P.			
Total traffic for the work	152,915	82,550	0 0	0 0	8,00,580		80,590 119	0	0	18,430	0	0	1,06,570 ±34	0	0	83,069	37,240	86,200
For previous 11 would of half-	1,729,680	8,83,406			63,94,560	0	12,52,418	0	0	2,07,441	0	0	*93,18,366	0	0	344,367	830,420	674,792
Total for 18 weeks	1,682,590	9,35,938		-	69,06,140	0	15,41,008	0	•	2,22,071	0	0	24,99,634	-	0	207 426	857,663	615,021
COMPARISON.  Total for corresponding week of previous year.  Par mile of railway correspond-	140,306	69,791			4,77,594		65,696	0	0	22,108	0	0 0	1.48,594			21,512	83,710	44,130
ing period of previous year.  Tital to corresponding date of previous year.	1,780,047	9,45,347		0	719 50,11,900		10,46,011	0		2,06,548		0	21,94,905	0	p	267,462	296,947	554,500

<sup>\*</sup> Audited up to week ending lat February 1250.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bongal State Railway.

DE 182	TE FOR WERE	REDING	RECEIV	PER FOR WERE		TOTA	l Archipta FR. Phil 1888 TO 23 March 1889.	em 107 (m.d)	TOTAL	EMCRIPTS PROPERTY OF THE PARCE 1880.	ND IST	Total	Total
	Receipte.	Per mile worked.	Moan mileage worked.	Receipta.	Per mile worked.	Mean milmute worked.	Total receipts.	mile worked per week.	Mesh mileage worked.	Total receipts.	Nor mile worked per weak,	1809-90.	decrease to
63	Ra. 1,46,594	Rs.	747	RA. 1,86.870	Ba. 560	673	Ho. 1,04,37,296	Ra.	728	Ba. *1,12,71,000	Ba. 304	Ra. 8,33,705	Mo.

<sup>·</sup> Audited up to week ending lat February 1880.

#### BENGAL CENTRAL BAILWAY. Approximate Return of Traffic for week ended 22nd March 1890, on 126 miles open.

	COACHES	g Thaypi	c.		MARCHAND	TRA	PPIC.	MN	A.L.	Other ess	MD 1.0		Total	.1		TRAFFIC	TRASF-MILE	IS ROL.
*	Number of passengers.	Conchi			Weight carried.		Recorp	LO.		(outime)			PAPELIE			Conching.	Merchan- due,	Total
		Ra,	4.	p.	Mps.	a.	Rs.	Δ.		Bo,	۸.	p.	Ro.	A. 1	P.			
Potal traffic for the week	25,480 245	19,340 83		9	69,000	0	8,800 28	0	0	70	0	0	13,910	0		3,776	1,957	8,6
For pravious 11 weeks of half-	205,950	1,07,966	0	۵	4,89,500	0	31,640	0	0	783	0	0	*1,40,319	0	0	29,493	90 702	#0,10
Total for 13 weeks	\$\$1,600	1 18,284	0	0	5,19,540	(1)	58,140	0	0	8m6	0	0	1,64,839	0	0	43,217	85,199	83,N
COMPARISON.						j												
Pote for corresponding week of previous year	30,937	11,081	0	0	60,367	0	4,012	0	0	97	0	0	15,190	0	0	8,781	1,937	2,4
ing period of previous year -	946	80	0	0	868	0	32	0	0	1	0	0	188	0	0	10000	*****	911.00*
otal to corresponding date of	845,578	1,22,330	0	0	6,61,290	0	24,147	0	0	4,945	0	0	1,00,722	0	0	48,807	22,697	46.86

<sup>\*</sup> Audited up to week ending lat Pobrasry 1899.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

Ruoni et 231	es por wher ad March 140	REDING		POR WHERE			L RECEIPTS FOR 1988 TO SEED 1 1989.			1800 TO 21ND 1 1800 TO 21ND 1 1490.		Total	Total
Mean meleure wesed	Receipts.	Per mile sorked.	Wenn milenge worked	Receipte.	Por mile corace	Wean milease worked	Total receipts	Per mile worken per week.	Mean mileage worked.	Total receipts.	For mile worked per work.	1859-90,	2800-50.
198	Re- 18,190	Re. 198	198	Re. 13,910	8at	126	Re. 7,00,877	8a. 111	120	%o. *7,18,600	Re. 115	Ra. 6,008	<b>30.</b>

<sup>•</sup> Audited up to week ending let February 1800.

#### DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd Murch 1890, on 86 miles open.

	Солония	TRAFF	ic.		Munchand	HHI BAP	PIC.	IJL/		Other car	e lo	en.	Total			TRAFFIC	TRAFF-MIN	ie aun,
	Number of passengers.	Coach			Woight corned,		Receip	in.		(ostimat	od)		entitud			Coaching.	Merchan-	Total.
A CONTRACT OF THE PARTY OF THE		Ra.	A.	P.	MDs.	8.	Ro.	Α.	P.	Be.	۵.	P.	Ea.	Δ,	P.			
Total traffic for the week Or per units of rations	16,000 107	6,550 76	0		18,636 217	0	1,000 101	0	0 0	08	0	0	6,480 99	0		2,440	650	3,70
year	186,110	48,164	0	()	8,11,710	0	31,093	0	0	2,020	Q	0	*1,01,610	0	0	41.218	8,356	34.57
Total for 12 weeks	201,200	76,866	0	O	3,30,340	0	32,923	0	0	2,100	0	0	1,00,006	0	0	28,430-4	8,100	37,000
Total for corresponding period																		
of previous year. Per united railway corresponding	14,390	4,054	0	0	18,302	0	1,099	0	0	-67	0	0	5,619	0	0	2,440	EL46	<b>₩</b> 112
perod of previous year. Total to corresponding date of	167	84	0		213	0	12	0	0	-1	0	0	66	0	0	,	*****	
previous yest	185,866	58,097	0	0	1,46,371	0	13,560	0	0	1.897	0	0	73,866	0	B	29,119	7,806	Same

<sup>·</sup> Audited up to week ending 1st February 1899.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacea State Railway.

~	- E3 n	TO VOR WHEE IN	59.		TS POR WHER ID MARCH IND	TRDING 0.	Total	, anguière pag , luis ro Band J 1889.	M 18T	Total	L RECEIPTS PROLEMD   1869 TO CEND	MARCH	Total	
	Mean milenge worked.	Receipta.	Per mile worked.	Mean mileage worked.	Receipts.	Pur mile worked.	Mean mrienge worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts	Par mul- worked jer week.	increase in less-su,	destruct in
		Re.	Ho.		Ra.	Re.		Ra.	Ro.		Re.	Ma.	Ro.	Ra
	96	5,619	65	86	8,480	90	86	2,97,080	46	96	*3,95,154	80	90,254	****

<sup>·</sup> Audited up to week ending lat February 1889.

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 20th March 1890, on 271 miles open.

100	COACHIN	g Trapi	710.	MERCHAS	TRA	PRIC.	36.30	EA1					. ^	TRAPPLE	TRAID-MILI	H RUB
420	Number of passengers.	Conch		Weight		Recei	pta		Other eas		PO	ini Uggi	la.	Coaching.	Merchan-	Total.
	1	Rs.	A. P.	MDs.	8.	Ra.	A.	₽.	Ba.	A. P.	- Re	. 6				4
Total traffic for the week	3,100 114		0 0	12,020 641		664 24		0	20	0 0 0 0	1,57		0	519	254	768
7057	20,100	13,99%	0 0	1,66,873	0	10,410	0	0	477	0 0	34,89	0	0	8,000	6.343	10 4/40
Total for 18 weeks	42,575	15,512	0 0	1. 3.503	0	11,003	0	0	497	0.0	20,773	2 0	0	6,34	0,397	12,896
on parties, and for corresponding week of previous year or responding the corresponding date of the corresponding date of	3,679		0 0	9,070 883	0	633			13	1	2,077			Bill	234	7/83
previous 7485	46,180	17,076	0 0	1,69,080	0	9,914	0	U	1,010	0 0	25,000	0	0	0,471	4,687	13.15A

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

Bucury 80	TH NOR WHEK	80.	Ruonti 59	TR FOR WHEE TH MARCH IS		TOTAL	PHIL 1888 TO 50 MARCH 1889.	TH lor	TOTAL	PRIL 1880 TO 28 MARCH 1890.	on her		1
Mean Wilnago worked.	Receipta,	Per mile worked,	Mean mileute wirked.	Receipts.	Pur mule worked.	Mean nul-age worked.	Total receipts.		Monn mileage worked	Total receipts.	Per mile worked per week.	Total increase in 1889-90.	Total decrease in 1859-16.
	Re,	Ro.		Ba	Ro.	•	āa,	Re.		Ra.	Ru.	Ba.	Bo.
1	3,077	70	471	1,878	ap	170	1,08,941	70	87 ž	1,02,762	76	*** ***	460

#### TIRHOOT STATE RAILWAY.

Approximate Beturn of Traffic. for the week ending 29th March 1890, on 278 miles open.

× 1,	COACRIE	e Thayp	ic.	Марснаир		AND MIS		LAL	Other or			044		TRAPPIO	THAIR-MIL	DS 2011.
	Number of passengers.	Coach		Weight		Reces	pts.		(mtima				gn.	Coaching.	Merchan-	Total.
		Re.	A. P.	Mps.	ß.	Be.	A.	P.	Bo,	A. P	1	١,	A. P.			
Count traffic for the week	63,041 194	19,423	0 0	2,66,084 978	0	29,700 106			2,793	0 0	61,6	103 152	0 0	8,416	7,681	18,047
Same on on on or ore	803,017	2,38,047	0 0	83,44,503	0	5,85,896	0	0	38,000	0 0	6,31,9	72	0 0	66,503	119,706	178,211
Total for 13 weeks	615,058	2,87,468	0 0	34,10,557	0	3,83,218	0	0	40,993	0 0	6,83,0	73	0 0	09,919	121.339	191,846
COMPARISON.																
Eptal for corresponding week of privious year	51,074	19,662	0 0	3,40,866	0	12,561	•	0	2,047	0 0	84,1	60	0 0	4,707	8,064	9,081
ing west of previous year	157	68	0 0	816	0	46	0	0	1	0 0	1	18	0 0	600 100	*******	441500
breeigns legt " " " " "	683,664	3,03,936	0 0	17,19,960	0	1,42,781		0	20,005	0 0	4,05,3	33	0 0	71,436	70,546	141,961

<sup>\*</sup> Steam-boat earnings encluded in calculating "Total earnings per mile of Ratiway."

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirkoot State Bailway.

	Receipts. mile mileage Receipts, mri						PRIL 1888 TO 30 MARCH 1889.			L RECEIPTS PRO PRIL 1888 TO 2 MARCH 1890,		Total	Total
Ween milesey	Receipts.	mile	mileage	Beceipts.		Mean minage worked.			Mean mileage worked.	Total receipte.	Per mile worked per week.	increase in 1889-90.	docrease is 1889-00.
	De .	Rs.		Bo,	Ra,		Ra.	Re.		Za,	Be.	Rt.	Re.
273	86,160	136	273	81,008	3.00	985-96	16,65,636	336	878	21,78,917	200	5,18,003	******

DARJERLING-HIMALAYAI	N BAII	LWAY COI	MPANY,	LIMITED.			Rs.
Approximate earnings for week ending 3 Corresponding period of 1869	2nd Ma	rah 1990	***	***			187 U <b>48</b>
Decrease	0 0 10	9 0 0	900		_	1,	561
Receipts per mile for week ending 22nd Corresponding period of 1889	March	1890	000	000	Ra. 146 177	4. 12 6	P. 10 10
Decrease	4 9 9	***	100	2.00	80	10	0
Receipts from 1st January to 22nd Marc Corresponding period of 1889	h 1890	***	* * *	0 0 0		95,6 96,5	
Decrease	004	***	***	***	_	1	(de)



# The Calcutta Gazette.

WEDNESDAY, APRIL 16, 1890.

#### OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupose per annum if delivered in Calcutta, or Twelve Rupese if sent by Post.

#### CONTENTS.

	Pape.		Page.
Distract Road Fund Contributions from Halius Ram-mair Permad Narata Singh of Maksudpore and Baljasth Singh of Gya towards the Lady Dufferin Fund Radiall, Weather, and State and Prospecies of the Grope Retainment showing the stocks of rice in and around Calcutta Abstract of the results of Meteorological Observations taken at the Aupore Observatory in the month of	830 831 836	ABSTRACT of the results of the Barometric and Thermometric Observations taken at 10 a.M. at the Meteoroborical Othos, Chewrangues, in the menth of March 1800  Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 6th to 18th April 1899	944
Harch 1800 Meteorolation Report of the Province of Bengal for the week ending Friday the 11th of April 1800 Statement of Kainful in Statement for the week ending Pranay (8 a.m.), the 11th of April 1800 Results of the Meteorological Cheervators taken so the Alipore theorytops from 6th to 12th April 1890	836 836 638 9.13	Statement showing the Results of the Registration of Births and Deaths in the Principa Muncipalities in Bengal during the week ending 89th March 1890 Circular and Eastern Canals for the week and inc 19th April 1890 Bengal Central Bailway for the month of January 1890 Weekly Return of Traffic Receipts on Indian Reliways	849 849 840

#### DISTRICT ROAD FUND.

GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT.

Road Cess.

No. 1469R.C.

Calcutta, the 11th April 1890.

READ-

Letter from the Accountant-General, Bengal, No. 14.7. dated the 29th March 1890, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal, for the quarter ending 31st December 1889.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the 3rd quarter of the year 1889-90 be published in the Calcutta Gazette and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the Culcutta Gazette.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded to the Commissioners of the Rajshahye, Bhagulpore, Chittagong and Chota Nagpore Divisions, to the Superintending Engineers of the Eastern and Western Circles, and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

Under-Secy. to the Goot. of Rengal,

P. W. Dept.

#### DISTRICT

Statement of Recorpts and Expenditure of the several District Road

RECE

						1	BOALL	MAL R	LATER.		1	Interest	Pen	LIC WO	BRG.	BATION.		Misca
: Distauris.		Balas in trea an let O	ctober	Cr on L		Ce ou, m		Court Court there	Coun on houses.	Total.		on arrears of read cost,	Read tolls.	Ferry tolia.	Total.	Canal tolia.	Rent of acraic and ataking-bungalows.	Pecs, fine and forfeitures
n		Re.	A. F.	Ra.	A. P.	Ra.	A. P.	Es.	Ra.	Ro. A	. P.	Ha. A. P.	Ru.	Rs.	Ra.	Ra.	Ra. a. P.	Ru. A. P.
Parjodisc Fazaribanh Lohardagus Manbhoom	444	4,983 12.499 7,238 6,814	9 1	6,348 10,498 10,498	4 5	2,216	41	*****		1,829 12,685 14,991 8,079		19 8 8 12 8 8 80 9 9	6+0 - 1 64 (-) A 6+1 - 1 6+1 - 280		*****		64 8 0 6 0 0 572 7 6	2,595 1i 862 s
. Botal	•••	21,567	5 8	33,097	3 2	3,900	8 5	>====		84,007	6 7	82 7 8			.,		616 1B 6	2,000 3
	Shall "																	i.
Fonthal Purpose	101	4,987 83,198 19,639	13 9 15 8 .13 1	8,403	• 0	1	0 6			2,413			6+0 ×+		*****	4000	106 19 (	1 0
gingthoom		66,793	10 5	2,481	0 0	1	6	P1 107		9,463	0 6	.,,,,					179 4	10
GRAND TOSAL	00-	-00,511	0 1	25,840	8 1	2,900	8 11		· ,	39,470	7 1	62 7 8		1			8.6 8	2 800 3 1

EXPE

				Restans.		Paovis	ICTAL IB.			Ati	MINIOTR	ATIC	)3L,			Brat	rikogo	BAY.								- 1
	Alteres (23).		Conc.	Other Boccipte.	Total	Establishment and com-		Establishment and contin-	office.	-	Percentage cost of re- labilities for offices	That there are a contract of		Tot	ini.	Stat	l-on and nin	ery	Origini	n.l	Repo	iira.	Retain		Tool	le soi.
			Ba.	Re.	Sin.	Ra.	L. P.	Ha.	A- 1		tta.	A. 2	.   1	la.	A. 2.	Re.	A	Ρ.	Ka, A	, P.	Ma.	A. P	Rn.	A P	Ra	ă. 1
The state of the s	Darjoeling Hamringh Lohardugen Manthoom	***	ad-77*	*****	#4 #4	1,562	9 7 7 8 3	712 295 77 203	1.5	0 0 0 0	263 4#2 752 427	1 11 3 1 7 1 18 1		478 708 830 710	0 10 7 1 7 1 6 11	100	7	0.31	294 1: 70 129	3 6 0 H	9 10145	18 1	610 5 1,477 1,480 1,480	65 ( 19 (	N 1	
	Sotal					3,685	8 7	790	4 1	10	1,925	10	2	,721	16 11	91	7 2	4	461 18	6	14,536	0	8,010	18		
	Chittagong Tructo Appthal Pergui aing bloom	2511 mala		p		 		167 78		000	e. *e.			167	0 0		0 1	0 3	80 0		875 4,8-11	10 10 13 1	1,317 7 1,114 0 498	2 2	0 : 20 0 : 20	4 26
	Total	•••	******		P71.100			215	4	6	****			215	4 6	1 8	9 9	3	Bit B		7,394	1	5 2 044	4	2,412	3
G	BAND TOTAL	4.1	.0000	197948	*****	5,695	8 7	1,041	5	4	1,925	10	1 1	,967	3 1	10	1 4	7	284 6	-	23,840	1.	n 7,960	8	8 2,414	10

FORT WILLIAM,

The 18th March 1890.

BOAD FUND.

Committees for the Third Quarter of the Year 1849-90, ending 31st December 1889.

IPTS.

nbous.	,											604		10 4	Looi	בלום	T.							Balane of inter											
jeordi ous.			Tot	aJ.		from		AGE	Tie	Adv	ane	٠.	D	ppa	oft.		To	tal.		Teo	rta.i			in hate of Kee neers s other decrease	in in ind	Balance tihenshe cheque increme	n.	Total recei includ.n balance	IR.	-	Outlay			Halanes in tressur; Elst Decen 1889.	y o
Rs. a	. 2.		Bo.	Δ.	P.	Bi	B. /	ha I	P.	Re		. P.	1	la.	A- 1		Ra	. &	P.	R	l. A	. P.		Re. A.	P.	Ro. A.	2.	Rp.	4. P.		Bu.	A. 2	P.	No. A	
3	4 0		34 9,584 966 3,874	7	6	671				2,191 27 16	2 L	0 0 5 5 5 1	1	Sa.	0	•	400 2,00; 630 107	11	0	9,4- 17,74 15,94 11,00	6.1	5 1n 8 6 8 7 7		6 3				7,848 80,410 1 25,173 18,683 1	2 6		5,136 38,358 7,565 7,698		8	2,208 17,152 2 15,247 10,965	n T
1,028 2	1 0		6,864	18	6	1,10	2	0	4	2,90	13 4	0	-	10-5	0	0	3,70	21		48,01	7 1	1 7		6 3	7			79,011	4 1/1	-	84,017	18		45,803	
7 1 29 1 123	4 0 4 0 0 3		7 197 245	16 10 8		1,90		0	0	1.40	17	8 9 0 0		000	**		1,02	7 1	1 9	8.6	88	6 n 3 5 8 5	3	-1 		25: 4	- 9	4, 456 37 065 13, 300	2	Q 1	2,242 10,480 2,261	14	- 6	26,152	3
270 2	2 8		481	0	3	1,94	10	0	0	1,44	10	3 9		***			1,60	0	8 P	4,5	83	4 1	8	*****		911 6	9	. 55,259	3	8	14,974	12	2	40,314	7
1,290	7 8	8	7,015	13	60	3,00	12	0	4	4.4	18	3 8		Teles	0		6,117	0	1 3	86,1	ot	0	1	6	3 7	500 A	9	1,34,900	8	6	45,960	8	11	86,907	33

### DITURE.

***		-		7	-													-		_		_						_
Works.				IBBIOA-				M	oth	4.2	an botts,				Got		BUI	bP:	киев Ас	cot	CRI.	ı			ensed.	4		
Reinsbligbergeett of Prec. michiga busperrittendens of Works.	Tot	ial.		Canal [ 51] catalites and continue and continue protections.	Charles been been and an article	lishment and centingso-	cies.	Staring-bungalow, petty	con-truction and repairs.		Miscellausons.	T	ota	and the second	Contributing to Provincial	Adva	forwa.		Deponits	B.	Total.		Total expendits		Ralance of imprest in hands of Engineers and others, increased.	Ralanes o nacashed chequarreased.	Total onling	·
No.	Bo.	A.	r.	Ro.	Ra	. 4.	P.	Re.	A. P		Ba, a. p.	-	B, A	. P.	Ha,	Ro.	A. P.		Rs, a	P.	Ro. A. P	.	Re. A.	P.	Ba.	Rs. A. P.	He, a	. P.
**************************************	1,431 9 498 4,037 6,415	18 9 0	8 8 8	000 10 20 41 10022	27 61 65	0 8 9	0	11	5 1	1	86 4 6	87	1	D h O	***	2,763 556 300 136	5 1 14 0 0 0	1 4 0 0	106 0 55 0 200 0	0 0	2,743 8 1 662 14 355 0 326 6	11 6 8 0	4,882 15 12,096 10 7,716 7 7,698 11	5	*****	232 5 2 771 7 3 191 3 3	8,138 1 13,218 1 7,925 10 7,695 11	
frag.	22,001	8	3	\$41000	144	1	0	n	6 1		80 40	296	10	9		8,766	7	8	361 0		4.107 7	3	32,902 12	1	111-11	1,215 0 8	34,017 12	9
732291 005.001	2,212 8,376 8,151	10	87.5	014330 014330	1 29	12	0 .	10	0 6		b 18 t	146	3 3	6	140 140	1,700	0 (	D'	******		1,700 0	-	2,742 11 10,450 14 2,381 2	4	000117 000100 0001		2,348 1; 10,450 14 2,251 2	4
Megys	12,741	0	۵	<b>#</b> 57.564	175	0	3	18	8 (	3	8 12 1	190	6	U		1,760	0	0			1,700 0	11	14,974 12	2	NO -		14,974 19	2
	34,742	8	8	*****	319	1	8	90	14 8		40 0 0	888	18	. 0	*14	8,446	7	3	SSL 0	0	6,807 7	3	47,777 B	3	******	1,215 0 8	48,992 8	11

E. T. AIKINSON,

Accountant-General, Bengai.

#### CONTRIBUTIONS FROM BABUS RAMESSUR PERSAD NARAIN SINGH OF MAKSUDPORE AND BAIJNATH SINGE OF GYA TOWARDS THE LADY DUFFERIN FUND.

No. L 2, dated Calcutta, the 10th April 1890.

From-P. C. Lyon, Esq., Offg. Under-Secy. to the Govt. of Bengal, Judicial, Political and Appointment Departments,

To-The Commissioner of the Patna Division.

I am directed to acknowledge the receipt of your letter No. 149G, dated the 15th March 1890, in which you report that Babus Ramessur Persad Narain Singh of Maksudpore and Baijnath Singh of Gya have contributed Rs. 15,000 and Rs. 12,000, respectively, towards the Gya Branch of the Lady Dufferin

2. In reply, I am to request that you will be so good as to convey to these gentlemen an expression of the Lieutenant-Governor's appreciation of their public spirit and liberality. The correspondence will be published in the Calcutta Gazette.

No. 149G, dated Bankipore, the 15th March 1890.

From-John Boxwell, Esq., Offg. Commissioner of the Patna Division, To-The Secretary to the Government of Bengal, Medical and Municipal Departments.

In continuation of my letter No. 21G, dated 9th January 1890, I have the honour to report, for the information of Government, that Babus Ramessur Persad Narain Singh of Maksudpore and Baijnath Singh of Gya have respectively contributed Rs. 15,000 and Rs. 12,000 towards the Gya Branch of Lady Dufferin Fund. I beg to recommend that their liberal donations may be suitably acknowledged by Government.

#### Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Orops in the different districts of Bengal, as reported to Government, during the week ending the 12th April 1890.

N	0.	District and d		t	- 11	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the grops.
EN	GAL	4.					
		Western Die	etrick	p.			
i	1	Burdwan A Cutwa Ranigunge	.pril 1	12,	90	Nil 0:39 0:08	Weather—bet and seasonable. Want of rain felt in the Culna and Cutwe subdivisions. Prices of common rice—
		e den son de la company					Sudder        15½       Culna        14       Cutwa       16       Ranigunge       18
VH.	3	Bushnorn	9.9	13,	90	Nil	Weather—very hot. Rain wanted everywhere for preparation of fields for ric sowing. Cotton, khusla til, indigo, and mang are on the ground, some of them being irrigated where practicable. Transplantation of sugarcan commenced. Common rice 20 seers per rapec at Sudder and 19 seers a Bishenpare.
10.	3	Hirbhum	9.9	12,	190	NH	No crop to report on. Prices of common rice 17 to 20 sears per rupee.
BURDWAN DIVE.	4	Midnapur	**	12,	'90	0.57	Rain of 5th very partial; none reported from subdivisions. Land in the Sudden subdivision being ploughed. Mice has risen alightly in price—
					٠		Sudder 19 Tanlak 16 } per ruper.
	5	Hooghly	90	12,	90	Nal	Weather—growing worm at night. Wind from the east. No crops at present on the ground. Prices of common rice. Srs.
-		Howrah		12,	*90	Nil	Scrampore 13 Scrampore 16 Jehan-bad 16
		Contral Dis				1	Weather-very hot. Boro paddy much injured by want of rain, which at holds off.
	6	26-Perghs.	April	15,	'90	Nil	Weather-very hot and dry. Boro suffering from want of rain. Planting sugarcane continues. Price of common rice 15 seers per rupee.
PRESIDENCY DIVE.	7	Nuddea Koustea Meherpur Choosdonga Rausglast	9-4		190	0·12 0·92 0·35 0·61 0·43	Weather—hot. There was a storm on the 5th. It was heaviest at Kooshte where there was hall. Harvesting of rabbi crops finished. The rain hadone much good. Sowing of early rice has begun.
DENG	8	Khoolna	8.9	12,	'90	NII	Weather—not with strong wind. Boro being harvested with good output. Want of rain causing much anxiety.
PRES	Q	Jesaore Jhenidah Magura	4.0	12,	*96	0-32 0-10 2-93	Weather—bot with strong muth wind. The rainfull of the week has been beneficial to the cultivation of lands for ans and jute, but more rain badly wanted.
,	10	Moorehedabad	9.0	12,	190	Nil	Weather-bot. Lands are being prepared for bhadoi sowings. Hain needed.
1	11	Dinagopur	4.0	12,	190	1.10	Weather—changeable. West winds have begun again. Jute and bhados being sown and sugarcane being planted. Prospects good.
	12	Rajahahye Nattore	8.0	12,	190	Nil 0.23	Weather—cloudy in the morning; hot. Harvesting of rubbi crops almost over Rain badly wanted for ploughing.
11.	18	Rangpur Nilphamari	30	13,	<b>'90</b>	Nii 0:11	Weather—unsettled; sultry with high winds. All crops suffering from want crain.
RAJURARYS DIVE.	16	Hogra	0.0	12,	*90	0.04	Weather—seasonable. And rice and jute are being sown. Sugarcane is sti- being pressed. Prospects satisfactory. Common rice solling at 18 seems per rupes.
Rassie	15	Pubna	5.0	12,	*90	0-08	Weather—hot; somewhat unsettled. Aus, amus, and jute being sown in som places. Rain wanted. Mustard crop not quite an average one. Common rice 14 to 15 sams per rupee.
	16	Darjeoling	0.9	12,	196	111	Weather—cloudy; sometimes fair. The little rain has done much good, and more is needed. In the Hills wheat and barley harvested in some places bhutta and potators have come up. In the Terai there is an apprehension
	17	Julpigoree	00	12,	91	0.99	of a loss of the bhados or ups unless timely showers come.  Days hot, but nights cost. Condition of tobacco good. Sowing of jute commenced in Patgram. Rain much wanted for preparation of hand for bhado crops. Proceed times taking and the commence of the

	N	lo.	District an		Rainfal at Sudde Station inches.	Character of the weather and state and prospects of the crops.
1	BEN	GAL	-concluded.			
			Zastern 1	Dietrole.		
	ĺ	18	Daces .	April 12, '9	1.48	Weather—hot and cloudy at intervals. Cultivation for early rice and jut going on. More rain wanted. Boro paddy being harvested. Common rice 18 to 16 seers per rupee.
Dacea Brew	MARCH DIVE.	19	Furredpur	,, 12, °9	0-32	Weather—hot and cloudy at intervals. Harvasting of white crops over with a outturn of eight annae on the average. Cutting of boso paddy in progrem Rain wanted for the commencement of agricultural operations. Price of common rice varies from 14 to 16 seems per rupes.
	1	20	Backerguage	,, 12, '9	o Nil	Weather—hot and cloudy. Prospects of rubbi crops fair. Common rice selling at 13 seers per rupes.
		31	M ymensingh	12, '9	0 1.57	Weather—hot during day, stormy towards evening, and cool at night. Prospect of crops good. Coarse rice selling at 18 seems per rupes on the average.
. *	1 3	22	Chittagong	12, '9	0-21	Weather—scasonable. State of chilly crop good. Pania and being sown Prices stationary.
CHISTAGONG DAVE.	3	13 3	Nonkholiy	12, '90	0.06	Weather—warm; cloudy at times; strong southerly wind. Preparation of soil for an crops progressing. Rain wanted. Common rice is sold at from 14 to 18 seers per rupes at head-quarters.
I TTABOT	12	4 1	ipperab	., 12, '90	0-21	Weather—warm with high winds. Prospects of boro paddy good. Amun, aus, and jute being sown. Rain much needed.
Cm	3		chittagong Hill Tracts.	,, 11, '90	0-23	Weather—very hot throughout the week and cloudy and rainy on the 7th and 8th. Jam cutting still continues. Jam burning is being retarded by rain. Gathering of tobacco and chillies continues. Common rice is being sold at 13 seers 14 chittacks per rupee.
BE	HAI		lill Tipperah	,, 12, *90	Nil	Weather -hot. Jume still being burnt. Bore paddy doing well.
	26	P	atos	., 13, 190	Nil	Weather—hot and dry. Harvesting of rubbi crops over. Threshing of corn still continues. Sowing of obsess going on. Prices of food-grains almost stationary. Opium weighment going on.
	27		yn hahabad	., 11, '90		Weather—hot. Threshing of rabbi crops still going on. Opium weighments in progress throughout the district.  Weather—hot with strong west winds. Rabbi crops harvested with an average outturn of 12 annu. Sugarcane and cheese being sown.
CATHA DIVE.	29	Di	orbhu <b>ngs</b>	12, '90	Nil	Weather—changeable. Paddy, mung and cheens doing well, but rain very much wanted for them. Indigo plants coming on well. Prices have slightly risen.
CATH	30	Mo	renferpas	., 13, '90	Nij	Weather-hot; east wind in early part of week, west wind latterly. Zubbi is being threshed. Outturn of linseed estimated at 12 annas.
	31	Sa	run	., 12, '90	Nu I	Weather—dry and hot. Harvesting of rubbi completed; outturn estimated at 16 annes. Cheens is being irrigated and gives good prospect. Opinio weighments in full swing.
Į	72	Ch	ompares	,, 12, '90	Nij J	formings still cool; east and west winds blowing alternately. Harvesting of rubbi finished. Indigo, paddy, and cheens growing well. Opinus weighment going on: outturn less than was expected.
	33	Mo	ngbyr	18, '90	Nii V	Weather—bot and dry. Threshing of rubbi crops in progress. Outturn estimated to be 14 annas. Indigo coming up well in Beguserai. Prices almost stationary.
-	34	Bho	Banks	18, '90	0-82	Weather—hot, windy and dusty. Some rain at Banka on the 9th. Rain will wanted for cultivation of bhadoi. Prospects of makes not good.
1	25	Pur	rnesh	., 13, '90	Nii A	little rain here and there on the 6th; westerly wind again on the 18th; nights cool. Rubbi harvesting still going on; outturn fair in some places, not so good in others. Bain would be beneficial to bhados crops.
1	30	Mal	idah	12, '90	Nij W	feather—very hot with strong east winds. Harvesting of rubbi crops nearly completed. Boro paddy is being watered. Rain is much wanted for boro and for bhades sowings. Common rice calling at an average of 16 secre our rupes.
	37	Sont	thal Perghs.	., 13, '90	NH W	enther—very hot; strong west wind. No crops to report about. Makes much below the average. Mango promises well. Sugarcane doing well. Prices have risen a little. A shower of rain much wanted.

1	No.	District as		at 8	sinfall Sudder stion in sches	Character of the weather and state and prospects of the crops.
ORI	183A	•				
	38	Cuttack	April 12,	*90	<b>N</b> i1	Weather—very mild for the time of year. Dalua rice ripening and in som places being cut. Ploughing for beali and sored rice has commenced Prospects continue good.
ORIGINA DIVE	89	Poores		***	***	Report not received.
	40	Balmeore	,, <b>13.</b>	*90	Nil	Weather-cool for the time of year. More rain is much wanted all over the district. 187 coolies employed on relief work.
		NAGPORE.	or Agency.			
	41	Hasaribagh	April 12,	'90	Nu	Weather—seasonable; days hot. Makus falling; 12 to 16 annas crop expecte everywhere. Mango promises well.
CHOTA MANDORS MITT.	43	Lohardugga	,, 18,	'90	Ril	Weather—seasonable. Reaping of rubbi crops nearly completed. Lands being ploughed for early rice. Tome dhan being sown. Prices steady.
OLD FILE	48	Singbhoom	,, 12,	'90	Nil	Weather—becoming very hot. Outturn of winter crops very good. Ploughin going on. From Baharagura the makes and mango crops are unfavourable reported on.
ا ر				80	Na	Weather-very hot. Outturn of makes 12 annas. Rice selling at from 20

Published for general information.

CALCUITA; REVENUE DEPT.,

The 15th April, 1890.

P. NOLAN, Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

	1				Broom	ill.	HAND AS COMPILED OF-						
SANTE OF MARTE.	ist week of April 1689.	let wook f Nay 1839	lat week	of July 1889.	ist week of August 1859.	Int week of Sept. 1889.	and weak of Oct. 1859.	of Nov. 1839.	Int week of Dec. 1689.	1st week of Jan. 1880.	ist week of Feb. 1896.	of Mar. 1990.	1st week of April 1890.
,	Mda	Mds	Més.	Mds.	Mds	Mds.	Mds.	Mds.	186	Mide	Mda	8.45	N. N.
Palus emailes	12,67,000	12,42,000	7,67.808	8.72,960	7.88.700	6,62,000	8,04,600	4.54,000	2.96.500	3.00.000	2 48 960	1 2 0	
Ochigatings	87.100	95,800	98,000	86,500	78,760	76.400	71,900	67,480	11 10	8	000 88	200	90'99'09
Chirmen Godabares, Conmer- ton'y, Hatthria, and Culpo	9,04,0w	7,54,300	6.96,100	6,63,400	6,67,700	8,76,30°	6,74,100	6.22,500	8,86,000	6.00,678	6,98,900	1 13,200	6,91,648
Fathurachaire, Posts, and	3,900	3,00	2,960	£.00n	2,000	4,000	8,000	0,000	3,000	4,600	6,000	4,000	808
Tall-gunga, Childan Kidderpore, 2-1d Moonehannge,	1,44,100	1,59,000	1,19,700	1,03,700	1,10,700	12,500	64.2.00	64,300	68,100	82,780	96,160	1,01,000	1,34,68
21 Minor Basars (estimated)	8,60,000	9, 60,000	9,60,000	8,64,000	3,60,900	2,47,600	2.40,040	2.00.00	2.48.000	e 40 of			9
Other retail shope, 2,130 in number (estimated).	8,60,000	8, 60, h00	3,60,000	8,50,000	1,86,904	8,80,000	3.50,000	8,34,000	8,66,000	3,56,060	3,50,080	240.00	8,00,00
Missidences on Chander-	16,791	\$0,00	19,923	19,906	18,117	14,268	14,388	12,410	14,650	18.03s	19,606	8,0	20,28
- Tetes	E7,79,193	27,50,486	\$1,84,125	22,60,508	11,30,917	18,94,168	16,53,000	17,8,316	14,12,090	15,68,975	16,43,606	12,00,20	24,77,576
aldes of the river.  On h In m  Jouded  Ry Port Com  Letter.  Letter.  Ry Port Com  Letter.  Letter.  Ry Port Com	ZZA.614 (om 4th April 1890;) (ast for 3rd April 1890;) (bs for ord April 1890;)	12,466 (m. 12) May 1831.) 17,405 (181 to 514 May 1839.) 8,473 (184 to 314 May 1839.)	fon 3.d June 15-9., 14.09 (18 to 3.d June 1609.) 18.297 (18t to 3.d Imm 1899.)	1,736 July 1859.) 2,6,018 (181 to 274 July 1879.) 27,106 (181 to 5rd July 1889.)	Aug. 1509 Judger,	9,498 (on 371 (be) 59 (184 to 1189) (184 to 1188) (184 to 374 Sept. 1989.)	(on and Justine) 17 Sec. 17 Sec. 17 Sec. 18 Se	(on 574) Nov. 1459, 21,356 (181 to 384) Nov. 1459, 14,719 (181 to 384) Sov. 1838,	(on frd (on frd (on frd 1839) (188 to 20,639) (188 to 3rd Dec. 1839.) (184 to 3rd Lbec., 1839.)	28 (97 Jan. 1590.) Jan. 1590.) (2nd to 481 Jan. 1590.) (3nd to 4th Jan. 1290.)	24.855 (en 3rd Peb., 1863, 795 (fat to 3rd Peb., 1860.) 2,42.064 (1at to 3rd Peb. 1860.)	(on 574 Mar. 1800,) (184 to 574 Mar. 1800,) 1,94,607 (184 to 374 Mar. 1800,)	24,500 (100 374 (100 57.74) (100 100 374 Api. 1000.) (100 100 874 Api. 1000.)
Grand total of Stocks	38,62,748	57,99,897	200 SE 25	\$12,20,815	££,56,673	10, 60, 21	14,97,914	27,11,253	15,0,94	17,90,438	186,16,12	25,65,008	20,06,786
Probable stack stailable for exportation by sea,	15 lakhs	178 lakhe	11f leaths	120 lakha	12) lakho	9 takho	94 bakho	71 lakitus	8 lakhs	74 inkha	mi saba	144 lakhs	179 6446

STATISTICAL DEPARTMENT, The 7th April, 1890.

P. NOLAN, Secy. to the Goet, of Bengal,

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of March 1890.

				Inohes.	Date.	B	u <b>mr.</b>
mean pressure of the month				20.202			
	Q4 veam'	Pagisters					
					KAL	1	0
						_	
					zoto	T.	0
range or pressure		***	0.00	34			
total annulus of house of bright	hi		42				
			COULD				
maximum possible number of no	ure of sui	rapine					
		***	***			4	
		years' regi	sters	80.6			
highest temperature in the mont	th		***	100.8	29th.		
lowest temperature in the month	h		900	62·8	let.		
range of temperature during the	month	400		38.0			
		0.0.0		20.4			
					30th		
9. sande taraba or merbergare in	520 227	***	000		0000		
1 111 0 1							
		000		70			
average humidity of March from	a 24 years	' registers	+44	66			
•				Yeshaa			
meen venous tension of the mon	th			AL			
		nama <sup>2</sup> mamiata					
		cers registe					
average cioua proportion of man	on itom 1	n Acres, tells	sters				
total minfall of the month							
	clay's solf-	morietarine		0 00			
				0.00			
				10			
	erra tekt		•••		0.1		
Steatest rall to %4 nonts		000	4 4 4	ma.	9th.		
number of rains days in the mos	48						
			***	0			
	m Maron	trom 20 y	Cars.	4			
regusters		= 0 0	***	4			
				9			
mean maximum equilibrium terr	perature (	of solar radi	istion				
		***		146.3			
0		nes		-			
					2041		
	The mayer too we						
				01.0	IUIn.		
	DEL PEGLET	thermor	merer	00.0			
		000	***	66.0			
below the minimum air temperat	ture at 4	feet above	the				
		4 6 6	***	5.4			
ground			neter				
ground greatest depression of the noctur	nal radiat	ion thermon	MOLOI				
greatest depression of the noctur		on thermon		88	7th.		
		on thermon		88	7th.		
greatest depression of the noctur below the minimum air temperat	ture	on thermon		Miles			
greatest depression of the noctur below the minimum air temperature mean movement of the wind per	day	0 6 6	0 0 0	Miles 102.5			
greatest depression of the noctur below the minimum air temperature mean movement of the wind per greatest movement of the wind i	day n one day	•••		102·5 202·0	20th.		
mean movement of the wind per greatest movement of the wind per greatest movement of the wind i	day n one day n one bou	•••	0 0 0 0 0 0 0	Miles 102.5		2 to	3 р.м.
greatest depression of the noctur below the minimum air temperature mean movement of the wind per greatest movement of the wind i	day n one day n one bou	•••	0 0 0 0 0 0 0	102·5 202·0	20th.	2 to	3 р.м.
	thighest pressure in the month clowest pressure in the month range of pressure  total number of bours of bright maximum possible number of ho mean temperature of the month highest temperature in the month range of temperature during the mean daily range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of temperature in the month range of the month range of the month range of the month range of the month range of the month range of the month range of the month range of the month range fall of March from 48 y greatest fall in 24 hours range number of rainy days in the month registers	e average pressure of March from \$4 years' highest pressure in the month  e total number of bours of bright sunshine of maximum possible number of hours of sunshine of maximum possible number of hours of sunshine temperature of the month  e mean temperature of the month  e highest temperature in the month  e lowest temperature in the month  e range of temperature during the month  e greatest range of temperature in one day  e mean daily range of temperature in one day  e mean humidity of the month  e average humidity of March from 24 years  e mean vapour tension of the month  e average vapour tension of March from 9 years  e mean cloud proportion of the month  e total rainfall of the month  e total rainfall indicated by a Beckley's self-gauge (mouth of the gauge about 52 feet a serage fall of March from 48 years' registers  e number of rainy days in the month average number of rainy days in the month registers  mean maximum equilibrium temperature of the month  e mean maximum equilibrium temperature of during the month  e greatest excess of sun over air temperature of the nocturnal radiation woollen cloth	average pressure of March from 24 years' registers highest pressure in the month	average pressure in the month  total number of hours of bright sunshine during the month  maximum possible number of hours of sunshine  mean temperature of the month  average temperature of the month  maximum possible number of hours of sunshine  mean temperature of the month  average temperature of March from 24 years' registers  highest temperature in the month  mean daily range of temperature  greatest range of temperature in one day  mean humidity of the month  average humidity of March from 26 years' registers  mean vapour tension of the month  average vapour tension of March from 9 years' registers  mean cloud proportion of the month  average cloud proportion of March from 13 years' registers  total rainfall of the month  average cloud proportion of March from 13 years' registers  total rainfall of the month  average fall of March from 48 years' registers  mumber of rainy days in the month  average number of rainy days in March from 24 years'  registers  mean maximum equilibrium temperature of solar radiation during the month  mean difference of sun and air temperature  greatest caces of sun over air temperature  mean temperature of the nocturnal radiation thermometer	mean pressure of the month average pressure in the month average pressure in the month average temperature of bours of bright sunshine during the month average temperature of the month average temperature of March from 24 years' registers bighest temperature of the month average temperature during the month average temperature during the month average temperature during the month average temperature during the month average temperature during the month average temperature during the month average of temperature during the month average of temperature during the month average of temperature during the month average humidity of the month average humidity of March from 24 years' registers average cloud proportion of the month average vapour tension of March from 9 years' registers average cloud proportion of the month botal rainfall of the month botal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall of the month cotal rainfall of the month botal rainfall of the month cotal rainfall	mean pressure of the month average pressure of March from 24 years' registers bighest pressure in the month average pressure in the month average of pressure between pressure in the month army of pressure between pressure between pressure between pressure of bright sunshine during the month average temperature of the month between pressure of March from 24 years' registers between pressure in the month between pressure in the month between pressure in the month between temperature in the month between temperature during the month between temperature during the month between temperature during the month between temperature during the month between temperature during the month between temperature during the month between temperature in one day between temperature between temperature in one day between temperature between temperature between temperature in one day between temperature between temp	mean pressure of the month average pressure of March from 24 years' registers bighest pressure in the month clowest pressure in the month clowest pressure cotal number of bours of bright sunshine during the month caverage temperature of the month caverage temperature of March from 24 years' registers chiphest temperature in the month caverage temperature in the month caverage temperature in the month caverage temperature in the month caverage temperature in the month caverage temperature in the month caverage temperature during the month caverage of temperature in the month caverage of temperature in one day caverage of temperature in one day caverage humidity of the month caverage humidity of March from 24 years' registers caverage humidity of March from 24 years' registers caverage cloud proportion of the month caverage cloud proportion of the month caverage cloud proportion of March from 13 years' registers caverage and day and from 48 years' registers caverage fall of March from 48 years' registers caverage fall of Mar

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 8 feet higher at Alipore, and, other things being equal, reads therefore '008 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1.0° lower; and flually, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

J. H. GILLILAND,

METROROLOGICAL OPPICE, INDIA; Galcutta, the 14th April 1890.

For Meteorological Reporter to the Govt. of India.

#### Meteorological Report of the Province of Bengal

									STATIC	DN OBE	REVATION	5.			The state of the sale
			AIB	PERMUT	ж.	Win	D.				THEFFRAT	van.			
Dista	· • • • • • • • • • • • • • • • • • • •	Representative	Mean barometrio height, 5 4.E.	Mean reduced to see-lovel.	Varration from mean.	Prevailing direc-	Mean wind we locity.	Highest during ureck.	Date.	Lowest during week.	Talls.	Mean marimum temperature.	Mean minimum temperature of week.	Mesn daily tem- perature of week.	Variation from pormal mean of week.
Poores	pgs 60*	Pooree	291900 251-845	291916   291905	+ 1064	RW W8	432°0 531°0	87°7 85°7	6th, 8, 10 5th, 6th	77'G 78'8	7th April 6, 7, 8, 11	#G*# 64*B	79°4	88 2 53 1	-0.8
	9	Paine Point	129 897	59.010	+ '858' +	8W	301.0	88.9	6, 8, 10, 11 April	77'0	5th April	88 3	76'8	67 4	-0'8
Cuttack		Cuttack	29-534	29-916	+ '070	BW.	118-3	101.0	11th	77'8	8th	98.9	79.0	86-8	-0.8
Balasoro	900 *	Balseero	201543	29.803	+1000	6	298'4	101'5	lith	74'8	oth .,	96'4	76'7	85.0	0°1
South-West N South St-Pers	idnapore	Sanger Island	29 890	29 916	+1062	88W	511'0	90.7	Sth & 11th	80'8	7th & 8th	90 2	00 D	85'6	+07
Miduspore	204 4	Midnapore	20743	29*885	+ 1070	8	189'9	107-4	11th	8418	6th "	90'9	74'B	87'4	+1'6
ta-Pergunnal	10	3	29"881	29 903	+ 1089	SSW	171.0	96*0	841 8 2221	24.0	ath	D2:8	76-7	8418	-1.8
Hooghly	981 FF	Calcutta	20 001	29 900	+ 900	80 W		800	8th & 11th April	76'2	ath	V4 0		94.0	-1.0
Burdwan	ppp 1	. Burdwan	29*776	29-875	+ 061	SASW.	15916	106'7	11th ,	7814	7th = ,,	101.1	77'8	8818	+11
Bankoora	601 *	Bankoors	gp:553	201856	+1063	SWAS	1807	107%	11th	76'8	6th ,	102'0	76'5	8918	+110
Bearbhoom West Burdes	200 ATT	Banceguage	291546	29 '882	+ 1068	85W	9016	107-5	116h .,	74'9	6th	101'7	76-7	8918	+0-4
Magrahedabe		Berhampere"	201804	29-878	+ 105		197'5	1017	118b	12.3	7th ,	97:10	76'0	68.9	0
Nuddee	400	Matahanahan	291842	29.891	+ 1088	58E & 6	191'1	10618	11th ,	76'1	71h	5618	76'3	87'5	+2%
Jessore	80- 000	Jacobs	29"873	20 000	+ '982' +	881	100'3	97.6	11th	69'5	ash.	94 6	75 1	84'9	-1'4
Khoolna	601 PH	,	29/874	29-965	+ '076	Nouth-	105'3	89.6	21th	70.0		8613	73.0	61 3	+0"8
Chittagons	an i		20 410	-	4 010	oseterly		7.0	Ations not r		Oth ,,	00.0		-	403
Chittenung H		Demogit	29-921	291933	+ 1079	Calm & S	125%	93.0	, 64h April			81.2	76.0	8816	+07
Backergunge	000 *	Barrion	80.215	201956	+ '000	Variable	170.0	20.0	3345	69'3	5 & 7	9016	78-0	81'4	-12
Nankholly	900 0		29*855	29*925	+1092	8	100'1	93'8	oth	71'4	714 h	89'1	76'4	61-7	-3'8
Parroedpore Darca	000 0		291904	29'927	+ 1006	88	188'9	94 6	Cth	68.2	stale	9910	78'5	88.8	-11
Commillah	000 8	Onumillah	29.809	29-945	+ '006	62	123'4	9413	ath & mh	60'5	Sth	93.5	73'6	8819	+018
Mymensingh		Mymonaingh.	29'873	291938	+ 1000	RSE	119"6	93"2	5th April	67 3	dth .	2913	71:8	60.79	+0'3
Bogra		Begin	39-932	291896	+1112	ESE	123'8	10018	oth	091	Oth	2418	73:3	86.0	-0%
Pubna	000 1	Serajgunge	29-856	29'903	+ '698	South-	116.3	94.h	6th	66-7	this	91'0	72.7	81'8	-99
Rajohakye	par 4	Rampers Bear	99'810	39'580	+ 678	Sout berly	117'6	100'3	oth & oth		7th	95'7	75 6	86'7	+14
ttoldah	***	" Maldah	29*805	1001817	+ 157	B	80.8	14372	oth April	6872	ath	97.5	73-7	8816	+1'6
Dinagepere	001 1	· Duageporé	29 785	\$1.508	+1990	2	1297	1021	Oth	89'1	7th	9411	78'0	89.8	+014
Rungpore	000 1	Rangpore	29'805	20-032	+'115	5B	68:3	99-1	oth ,.	65 4	7th	931	70'7	9,19	+810
Julpigores Cooch Mehar	PE+ 401	Julpigoree	991518	10 711	4 '084	Out of order.	9618	97:0	8th	63.7	ath "	90.2	0816	7914	+1'4
Despeoling Hi		Darpooling	28:035	-	_	15 W7	142:0	66.1	ath	47.6	6th	61:3	4016	85.0	+815
Purpeab	181 101	3	99'770	201000	+106	ENE	D3-7	101'8	-	84'6	no h	96 U	78'4	83 7	+0.8
North Bharul	pore		1		7 200	1			, ,,		01H	-		1	708
Masuflerpore		· Mosufferpore	20/71	29:883	4 1001	Reg	11716		Vations susp			80.		1	
Durbhunga Champana	000	Durbhungs	991687	291898	+ 1001	ENE &	17419	9914	ath April		P Sala Amais	96'5	98.4	8917	2.010
Champerun	100 1	Mothari	581654L	29*954	+ 112	ESE		103.8	11th	61.9	Sth April	97'0	70'4	83'7	+3'0
-oten	pm+ +	- Chabras	907610	29'878	+ 1070 + 1088	E CENTER	9014	103'4	1011-	72.0	5 & 7	104'1	76'4	90.3	+0.3
Shahabad	P8+ P95	buser	23/1630	20-875 30 W58	+ '0%)	N-wly.	171'8 195'4 117'7	101 6	loth	67 8 67 7	Gth Gth	101 3	7411	87'7 87'4	+1.8
Gyn	664 0	E-ma	201404	29'873	+ '070	North- westerly Variable	128'0	106'4	10th ,	76'2	oth ,	108'5	78'6	91.1	+8'8
Palma	401 6		257681	291867	+ '073	NB	113 8	108.8	10th	66;7	sth 11	1019	78'9	67.8	+1.4
South Bhagui		3	29*606	20°803	+ "080			368%	- Colu	70.8	mat. 3		78-8		
Monghyr	01 101					Colm & tuaturly	60.7			1		\$510		88 8	+0.8
houths! Perpu	Bush .	Doomaa	297360	207848	+ '970	Southerly	156'6	104'9	lith ,,	780	86h ,,	10016	7618	0010	+0.2
Hazaribanh	*** *	Manaribagh ,,	27:871	29:861	+ '059	Westerly	31816	100.6	10th ,.	.70'8	7131	D0 15	78'8	86-0	+916
l chardugga Manuhoom	999 pgs	Ranchee	27 700	20*661	4*081	Calm	130° L	100-1	lith	68'4	7th ,,	9010	72.5	8812	+2'5
mpoddyggid		Chysbania	297118	291679	+ '076	W	Serv	107'9	116h	78'6	6th	10318	78'5		+0'0

\* Moura of 6 days.

The houndary.—The normal means of air pressure and temperature are tree artimetical average or means of the reading during the same period for the last are the numbered tree are tree artimetically of the atmosphage, a supressed attended at here are the number at means or average of the rainfall in that district determined from the restories well in by the suprissional station for the period in question during the period in the restories well in by the suprissional station for the period in question during the period in question during the period in the restories well in by the suprission during the period in question during the period in

for the week ending Friday, the 11th of April 1890.

							DISTI	EIUT OF	SBEVATIO	NS.				
	f da	***						BAI	EVALL.	7				
	nd amount or week.	of week	O# T	FERE.	Siz	nee let of mo	nth.	Sin	oe 18th May	1009.	ays.	am ber	Representative	District.
MA P A.M.	Average cloud at 8 a.m. for	Rainfall of observing	Monn for district.	Normal mean.	Henn for district.	Normal mean,	Variation.	Mean for district.	Normal mean.	Variation.	Average number of rainy days.	Normal number of raing days.		
97 96 78	3'4 0'3 5'6	NA NA NA	2011	0186	Nil	0*45	-0.42	77'30	87:60	+19:90	0.0	0.8	Pooree Gepalpore Palae Point	Peorue
10	47	28 11	pesi	0.12	NH	0'96	-0'26	66:20	84'11	+1419	0.0	6'8	Outtack	Cuttack
10	07	Nil	0.01	0'35	0.01	0143	-0'48	89184	86'07	- 8.83	0.1	0.6	Balasore	. Balasore
19	6'9	7011	Nil	0.80	Nil	0194	0124	38197	6519.5	-8188	0.0	0.2	Saugor Island	South 24-Pergunnals
72	116	0.98	0.13	0'21	0.15	0198	-0100	47-61	84147	-6166	0-3	015	Midnapore	. Midnapore
75	17	NII	0.01	0-68	0.01	0.49	0*44	8470	54186	-0-16	0"1	0:6	Calcutta	Howrah Hooshir
	219	200	0:13	0"£1	0.13	0:26	-0'25	44163	40'54	-4198	0'8	015	Burdwan	Burdwan
76	2.0	Nil	Nil	0.58	Nil	0188	0'28	86183	56'88	+ 9*44	0.0	9.8	Bambaam	Bankoore
72	27	0.08	0.30	0.16	0.90	0.23	+0'07	88165	53148	-0.03	0.2	016	Ranbegunge	6 Beachhan
						0'31	-0'24	51*56	82'57	-1:01	0'7	016	Berhampore	Most Burdwan
9.0	3:7	N fl	0:07	0.10	0.49	07/3	-0'24	88-81	68-71	0-20	14	0.8	Malahanahan	Nuddya
73		111					-0*26	66:38	87:28	-1'94	018	0.7	1	Jessor
84	87	0-82	0142	0.21	0.43	0.00								Ehoolna ""
79	2'8	0.50	0.70	0.43	0.10	0:49	6.30	102:09	117'06	-14'05	0.2	0.7	Chittagong .	200 200
		D0/4		0.95	page	1.80	-0'84	78-96	80163	-1.85	0-3	018	Manning 1	Chittagons Hill Tracti
3	1.7	Nil	0'07	1.07	0.00	0'61	-1'25	98-78	113.36	-10-46	1'0	1.6	Barrisal .	Nonkhall
[]	018	0106	0'00	0.30	0'76	0.81	-0.02	64737	80144	+3'93	20	2:3	Remandance	Purrantana
38	48	1711	0.62	0.58	0.68	1:21	-0.86	78'50	65-07	+13'52	1.3	1'3	Dacos	Dacon
85	67	0'31	0.49	0.87	0*46	1'36	-0.80	86.89	75:00	-16.80	1.9	216		Tipporab
76	616	,178	1.00	0.93	1.00	0'77	+0188	00:37	71:18	+31722	910	1.1	Management	Mymensineh
79	8.8	0.04	0.13	0'27	0.13	0*86	-0.82	66*51	59*46	+7'08	0.8	0.2	0	Воега
ga BA	7*3	1'96	1.10	0.49	1.10	0.77	+0:38	88'48	56-67	+1'81	3.0	0.7	Serajguage	Pubna
TP	1/7	0-41	0'20	0.30	0120	0*88	-0.13	84'63	86'91	-1.39	1.0	0.2	Rampore Beaule	
77	3'0	Nii	KII	0.18	Ma	0190	-0.30	89-90	\$6168	15'66	010	016	Maldah .	Maldas
75	6/8	0.83	0'24	0'31	0.88	0.12	+0100	87"75	58186	-0.82	0.3	0.2	Dinagepore	Dinagepore
77	2.8	Nu	0.94	6.99	0186	0161	-0'07	86143	76:88	+10.10	1.0	0.0	Bungpore .	Bangpore
78	9.6	1:33	276	0.85	8'76	0'78	+8104	120'55	114:40	+6.20	214	019	Julpigoree	Julpigores
89	6:0	1:11	1'96	0.08	1:96	1106	+0188	185'47	195'84	+10*28	2'5	1°3	Darjeeling	Darjeeling Hill Tracts
6	20	Rii	Nil	0'14	120 i l	0"23	-0.81	78:04	89184	+15'21	0.0	0.9	Purnesh	Purnosh
-		2.10					-0107	48'92	44*48	+ 6'66	0.0	0.3		MoonReamone
-		2014	Nil	0'04	363	0*07	-0.03	58'17	45'49	+6.08	0.0	0.8	Th	Durbhunga
10	1.9	Nil	NE	0.02	Nil Nil	0'07	-0'14	64:11	67*08	+16'43	0.0	9.5	Motihari	43humman
80 84	0'3	MII	Nil	0.03	Mil	0.00	-0.04	40'80	43.69	-3.25	0.0	0.3	Chupra	Garan
2000	0.1	NII Nii Nii	Nii	0.08	Nil	0.10	-0.10	40.40	61.61	-0*83	0.0	0.3	Dehrne Bux-r	Shahabad .,
46	0		2011	Audio	Wil	0.10	-0.10	87:34	48'53	-5'18	G*0	0-2	Gya	0
62	016	Nil	Nit	0.03	2011	0.10	-0.00	48163	42 10	+1'62	0.0	0.2	Bankipore .	Dates
ba 02	0.4	2011	MT											6 Nouth Bharnings
43				0100	Nii	0.13	-0.13	43'83	64'13	-1'00	0.0	0.8	Bhaguipore	Monshyr
ш	316	Nil	2711	0.11	2613	0114	-0:14	94.99	81.88	+8.62	0.0	0.8	Doomka ,	
33	0	Nit	Nil	0.07	Nil	0.00	-0.60	43'64	61'98	-6'89	0.0	0.3	Hasnribagh .	Hazaribagh
49	0.2	Nil	Nil	0.12	Nil Nii	0.12	-0.18 -0.18	46103 39127	80183 48181	-9.90	0.0	0.9	Ranchi	Lonardugga
51	09	Nii	Nil	0.38	201.01	9116	-0.10	40184	- 83-79	876	0.0	0.2	Chyobasa	mordunais.

ters. The variations are assentive when the mean for the week is less than the corresponding normal mean, and positive when the part of the say; covered, the wines say being denoted by 10. Under the less illustrate observations of rainfall the normal means cloud amount represents the part of the say covered, the wines say being denoted by 10. Under the destroy, 10., from covered in the district are the numerical average of the say of the rainfall return received in the district, 10., from covered in the district are the numerical say of the say

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 11th of April 1890.

					B.	IPPALL			1	Tot	PAL				
Meteorological division.	District.	Station.	Returday, 5th April.	Sunday, 6th April.	Monday. 7th April.	Tuesday, 9th April.	Wednesday.	April.	Priday, 11th April.	Number of	Reinfall of week.	Total rain- fall since lut of month.	Average total rain- [all from 1st of mouth.	Total rain- fall attues 18th Way 1889.	Average rainfall from little May to date.
Os1694	Pogree	Pooree Khurdah Banpur Faise Point Gor Raipore Popii	0074 000001 0014 020100 010020	000 000 000 000 000 000	441000	004 004 	01.451 020-11 020-11 040-11	987 - 180 000 - 180 000 - 180 000 - 180	66 A 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Nil Nil Nil Nil Nil	NII NII NII NII NII	NII NII NII NII NII	0-10 0-17 0-18 1-40 1-7	85°07 80°91 70°63 77°88	89 % 16 85 16 867 % 67 165 % 7
5	Outtack	Jagateingpore Banki Cuttaok Kendrapara Jajpore Dharmeste Galipore	Opposed  Donoble  Lychol  Donoble  Lychol  Donoble	000.000	000000	000 000 020 000 000 000 000 000 000 000	020000 000000 000000 23	00110 00110 01110 01110 00010	000000  partt 000000 600	NA NA NA NA NA NA NA NA NA NA NA NA NA N	NA NA NA NA NA NA	NA NA NA NA NA NA	0°12 0°17 0°17 0°13 0°18 0°18	76:19 86:44 77:58 78:48 88:48 60:10 78:78	81 150 85 57 86 0 86 33
	Balasore	Chandbali Bhuddruck Sorak Balasore Jellasore Raripodah	# 80/000 000 t t t 80/000 #85/00 96/001	000177 000177 	44.0000 04.101 44.00 00000	0106	101001 101000 111000 101000	000 000 A00000 000	100 000 100 000 100 000 100 000	NII NII NII NII NII	Nil Nil Nil Nil Nil 0.05	NII NII NII NII NII	0.45 0.78 0.35 0.47 0.31 0.38	86 71 60 91 67 86 80 90 64 48 66 25	86 98 85 13 85 96 61 14 86 23 86 85
Softe. What Erical.	Midnapero	Contai Saugor Island Tumlook Miduspore Ghattai Kukrahaty Gorbetta	++++++ +++++++++++++++++++++++++++++++	0'57	000000 000111 000111 001000 001000 10000	00000000000000000000000000000000000000	010 pdg 00111 010 pdg 00111 000115	401 - 1 107704 400 - 11 400 - 11 400 - 11	000000 000000 000000 000000	NII NII NII NII NII NII	NII NII O'57 NII NII NII	NII NII 0'07 NII NII NII	0°10 0°19 0°21 0°22 4°30	67°88 87°07 59°50 47°78 44 59 69°77 81°00	63 166 617 (d) 63 44 61 140 167 41
	S4-Perguumhu		*****		00004+ 0001000 000000 0000000	00 DAG	964 183 71940 000066 920160 144169	+40.00 +30 +40100 04.1401 +45.020	000000 000000 000000 000000	NII NII NII NII NII	NA NA NA NA NA	Nil Nil Nil Nil Nil Nil Nil Nil Nil	0134 7 0146 0141 0135 0135	64189 68118 8 188 82 FT 65 No 88 89 63 07	62.00 62.00
	flowrah	Howrah Mohomeka (Ooloberish.)	******* *******	20× 00+ 100× 00+	******	*****	2011	- + 2 0 0 0 + 2 0 0	******	Nil	Nil	Nil	0.21	86147	85-19 84 vs
	Reeghly .	Hooghly Jehansbad	000.000 000.000	0.03	\$00 + c4 + c 0 0 0 1	00mmm 01mm 00mmm	###### ######	rerede equité	00440- 	Nil Nil	N/11 N/12 0*07	Nil 0'07	0154 9147 0146	86°19 34'11 43 10	63-91 61-17 67-98
16	Bardwan	Cuine Eurdwan Cutwa Hancogungo	000 - 1 000 - 1 000 0 - 1 000 0 - 1	000 100 230 000 001 000 	e-03	0.39	100000 00-00	04 40 000000 000000 - 00	000 000 	NII NII 1 1 1 NII	Nil 0'38 0'08 Nil	Nil 2011 2013 0103 Nil	0.10 0.11 0.12	61'86 68 00 64'01 56'97 84'28	50 55 50 67 51 67
	Benkosra	Bishenpere Maliara Khatra Indas Kotalpere Mada Anda Gangajalghais Reipers	070379 270000 27077	200-0	00 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		political designation of the second s		0000000 0000000 000000 00000 00000 00000	NA NA NA NA NA NA NA NA NA NA NA NA NA N	NA NA NA NA NA NA NA NA NA NA NA NA	Nil Nil Nil Nil Nil Nil Nil Nil	0.38 8.41 0.10 0.25 1	51 '90 56' 63 66' 61 65 Nd 61 U1 60 S4 61 26 88' 70 84' 79	65-68 86-65 85-13 98-25
1	Sparbhrow	ith floory listampore Haut Rempore Haut Muraret	control control control control control control	1119	0.33	- 10 2 0 0 - 10 2 0 0 - 20 2 0 0 - 20 2 0 0	0000 . ** . **	**************************************	0 10 000 0 10 000 0 10 000 0 10 000 0 10 000	NO 1	Nil 1-19 Nil 0-28 Nil	Nii 0.53 V (1 1.18	0.18 0.51 0.89	88°65 64°16 48°18 65°23 88°57	80:08 80:14 83:44 P
3	Neddos	Ranaghat Eishnaghur Choosdanga Muherpore Kocchten	200 + 04 200 + 04 000 - 04 071 + 64	0.03	0.40	0*48	0.48 0.48	#40 // v #40 // v #10 / v #10 / v #00 / v v	######################################	1 2 3 1	0.48 0.01 0.01	0.42 0.13 0.13 0.32	0:89 0:73 9:63 9:78 9:68	67'04 43 87 - 50'78 88'79 87'04	80 46 49 30 84 41 51 46 88 97
	Eheelen "	Batkhira Bagirhat Kinwara Nakayara Masapal			30 427 1 3 3 1 4 494 100 421	221724 202178 202000	10000		**************************************	Nil Nil Nil Nil Nil	Nii Nii Su Nii Nii	Nil Nil Nil Nil	0167 0165 0 40 P	56'84 56'48 67'13	80°36 65°29 30°06 7
	3essere	Narati Jasore Jisoridah Magoorah Bongong		6.31 6.31	0.01 0.01	00 000 201 201 531	1000 - 400 +01109 	0.98	486200 100 100 100 100 100 100 100	2011 2 1 3 2011	Nil 0:32 0:19 Nil	Nil 0:32 0:10 2:33 Nil	0°58 6°91 6°77 0°74 0°80	89'89 64'87 81'04 80'08 47'94	60 63 50 75 57 55 53 46 55 20
	Meershedabad	Randi Berhampere Lathach Astangunge Jungipere Laigein Jiagunge Akhrigunj Patkabari	121100 12100 121100 121100 121100	0.80	0.10	0°04 0°100	000000	03/77* 09000* 000 12 000 12 000 12 000 12	00.00 00.00 00.00 00.00 00.00 00.00	Nil Nil Nil 1 2 3 Nil Nil	Nil Nil 0:04 0:10 0:30 Nil 1(i)	Nil Nil 0 (4 0 '10 0 '30 Nil Nil 1 '80	0'88 0 35 0 13 0'40 0'35 0'20	86'68 60'48 47'18 86'66 89'80 43'62 63'18	83°16 83°71 86°37 85°37 80°38 83°48
BANT BUTCAL	Ubtiting one	Cox a Basay Chittegong Kutubdes Batkanya Rangamati		*00 c*	20'0	0.70	100-00 Q		001490 410204 -11100	NII S	0.42 Nij 0.81 Nij	Nil 0:13	0:48 0:55 } 1:19 1:27	198-71 Au-10 66-86 66-88	18634 po 19 19 19 10 10 10 10
u_	Hall Tracte.	Patuakhally Part pore Burrami	0 00 0 eexodo	*****	000 · · · · · · · · · · · · · · · · · ·	0:39	200000 200000 200000	######################################	000000 100000 00000	Nil Nil Nil Nil	Nil Nil Nil 0°29	NH NII NII COMD	0180 0149 1102 0149	87:91 71:75 76:40 81:20	87.49 13.88 13.88

# Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 11th of April 1890 -- Country .

		•			R	AINPALI					PAL.		Average	Total rain-	Average
Meteorological Division.	District.	Station.	April.	Sunday, 62h April.	Monday, 7th April.	April.	Wednesday, 9th April.	Thursday, 10th April.	April. 11th	Number of	Reinfall of	Total rain- fall since jet of mouth.	total rain- fall from ist of month.	full since 18th May 1869,	from 15th May to date.
LAST BENGAL		Gournaddi	.,	*****	*****		411004	400111	aga 0++	Nii	Nii Nii	Nii Nii	P	93:19 93:19	2 2
-someld.	Neakholly	Bouphal Noakholly Penny	1,,,,,,,	******	0.08	10 10-	0.13	*****	00000	1 1	0.00 0.00	0.0% 0.18	1.82	105:73 61:77	118'di
		Harishpore Rempany	+55.000	*** **	##1004	*****	*****		88× ×××	Nis	Nii	3011	-	67°25 68°70	9 do-21
•	Furracdpore	Madaripore Purreedpore Goalundo	0.07	0.38	0.00	0.48	0.47	Pil	******	1 8 8	0°54 1°52	0°26 1°62	0.75 0.40	64:75 00:88	81 'S:
	Dagge	Munchigunge Danca Naramgunge Manickgunge Joydobpore	100 000 001 000 001 000 000 000	0.55 1 25 0.55	000000 000.60 000.60 000.000	000000 000000 4.4400	000 000 000 000 000 000	0°16 0°68 1°45	******	1 1 1 2	0°22 1'48 0°22 0°69 1°55	0.85 0.81 0.81 0.82	1:64 1:15 1:00 1:05	70'80 \$0'54 82'48 71'46 70'86	70'16 63'71 63'07 86 23
	Hill Tipperab Tipperah	Agartola Comilla Chandpore Heatmunheria Ramchandra	000000 000111 10000	0.08	0.08	e+4000 00+100 11000	0.13	1:30	000.00	Nii 1 2 1	N(1 0 2t 1 80 0 31 6 20	Nil 0:21 1:30 0:31 0:30	1:80 1:46 1:09 1:43	64°16 63'67 64'57 65'59 61'67	68.35 60.03 63.74 63.95
		pura, Nasirnagar Daudkandi Kasba Laksham	001211 107020 107020 107020 107020	0.10	0'60	0.00	000.00 000.00 000.00	000000 000000	007113 107113 107113 107113	Nii 1 1	0:80 Nil 0:66 0:40	0:40 Nil 0:06 0:40	9 1 2	89:89 83:73 13:16 72:78	7 7
-	Mymensingb	Kishoromungo Asia (Tongail) Mymensingh Jamolporo Notrokuna Subornakhally Durgaporo Sheneporo Town	0.17	0.96	000 - 00 000 - 00	000000 000000 000000 000000	0101	0°84 0°17 1°40 0°00 0°29 0°59 0°40 1°84	000.000 000.0	3 3 1 1 1 1 1 1 1	0:04 2:18 1:67 1:63 0:30 0:45 6:40 1:54 0:39	0°04 2°18 1°57 1°06 0°59 0°46 0°49	2°35 0 74 0°92 0°84 0°39 7	73°85 66°21 181 64 89°16 181 95 66°78 182 52 90°60 87°55	75°2 56°9 75°1 97°2 76°0
Nonta	Pabno	Pubna	0.76	0.03	866484 556884	#10.004 #10.00	******	1:98	******	1 3	0°03	2·16 2·16	0.48 0.44	90°P4 65°97	87 'S 88 's
BESOAL.	Rogra	Sherepers Nowknilla Hogra Panchlubi .	800 001 888 004 888 007	400	02.000 03.000 03.000	001000 00110 001001	******	0.04	.pc.	Nit 1 Nit	Nii 0:63 0:04 Nii	Nil 0:63 0:06 Nil	0:18 0:38 0:71 0:12	62:70 64:51 72:36 63:89	50°9 56°0 02°9 57°5
	Cajababyo	Beauloch Natture Naugann Laipure	000004	0°26 0°43	0.03	*******	**************************************	075051 400100 100100	00440P 94100P 941177 124400	Nil Nil Nil	0'38 0'23 Nii Nii	0°38 0°23 Nii Nii Nii	0°44 0°47 0°06 P	46-78 86-30 87-97 86-73 46-27	54°9 57 z 30°1 ?
	Maldah	Mondo Chanchal Unjol Sibyonj	444 P**	044-01 44-101 1-9784	000 000 000 000 00 000	**************************************	000528 000520 000500	din opo estass mbouga mbouga	011222 022202 020001	Nii Nii Nii Nii	Nil Nil Nil Nil	NII NII NII	0.30	60180 22-146 35-79 52-11	63*1 87*9
	Ninagepore	Mohadebpore Churamou Raiguure Dinagepore Halcorghat Thakoorgass	000000 01110 00100 10110 07107 07107	000 000 000 000 000 000 000 000	000000 00000 20000 20000 10000	1.10	000 000 00 001 00 001 000 000	000 x x 0 000 x x 0 000 x 0 000 x 0 000 x 0 000 x 0	010100 01100 01100 01100	Nii Nii Nii Nii	NH NH NH 1:10 NH NH	NII NII NII NII NII	0.03 0.51 0.03 0.51	83*f1 61*62 62 37 (b) 63 61 20 67*41	87 7 88 6 60 1 85 1 96 1
	Enngrose	Bhawanigunas (Gyabanda). Kunspore Kurspore Kurspore	*****	400 and 400 and 440 and 440 and 440 and	0000000 000000 000000	000000 010000 010100	011	1.80	0.11	Nil Nil 2 2	NH 1'91 0'96	Nil 1'91 0'36	0°63 0°67 0°79 0°35	78*0 4 93 55 86*75	7618 7618 7618 7618
		(Nelphamari)	111111	*******	000000	opeds .	*****	6100	0°90	1 2	0-30	0120	084	80'75 126'44	119.9
,	1 albifotee	Julpigoras Alipore Decer Paligorita Debiganj Bhayatpara	##***** ##***** ##*****	00-014 111-48 0003-1	000000 000000 000000 000000	000000 000000 000000 000000	\$ 6R 0:47	0.40 0.40 0.90	0.37	8 5 1 8	0.89 1.51 9.89	0.82 1.81 0.21	P P P	123'21 120'46 91'23 140'08	5 5
	Cooch Beber Darjeeling Hill.	(Narawatta). Dinhava Coun Schar Michigunge Manthenga. Buza Riligari Darje dina	000 x p q 02 4 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0	#000 0 #00000 #0000 #0000 #0000 #0000 #0000	000000 -01->> >-1-000 -01->> -01-00 -01-0	0.87	0.03 3.09 5.61 0.39	3 41 3 60 1 11 0 48 0 86 9 46 0 78 0 78	0.88 0.39 0.00 0.00 0.85 1.09	00 77 14 15 15 15 15 15 15 15 15 15 15 15 15 15	2°46 6°00 1°11 3°23 4°37 0°76 1°11 1°52	2'46 5'00 1'11 3'25 4'37 0'76 1'11 1'53 0'33	0°37 1°48 0°20 0°64 2°13 0°35 1°33	101'38 132'02 123'31 121'41 196'75 121'79 129'47 139'47 170'48	ten to 112.1. 102.2. 102.2. 112.0. 112.0. 112.0. 112.0. 112.0. 112.0.
OBTS BREAK	Pursonh	Eurocong Eurocongungo Arraroab Purusub Conducora	*****	422001	08×144 08×144 480000	101000 101000 101000 10000	0.16	00000	0.05	NII NII NII	Nii Nii Nii	Kii Nii Nii	0°13 0°23 0°34	105°67 79°75 63°59	71 ng. 60 ng. 631 ng.
	North Shagul-	Balarumpore Matiari Kaliugani	020416 01110 02070		411E27 8x6x68	000000 000000 000000 000000 000000	000 41A 201000 201000	0°58	0+0-00 0+0-00 0+0-00 0+0-00	Nil Nil Nil Nil	Nil e:85 Nil Nil Nil	Nil 0'55 Nil Nil Nil	0.777 0.172 1	60:08 67:38 80:10	80'64 40'18
	Durbbangs	Tajpore Durbnunge Hadbubani	******* ******** ********	707001 010705 050714	******* ****** ******	00001	200000 200000 000.070	*****	010001 010001 000001	Nil Nil Nil Nil Nil	NII NII NII NII	Nil Nil Nil Nil Nil	0.00 0.00 0.00 0.00	48°83 89°37 88°61 70°09 85°89	4819 46 03 4619 7
	Mosufferpore	Ritamarki Biosufferpure Itampore Para	000001 000001 000000 000000	000000 151000 000000 010000	00+(3) 00+(3) 00000 00000	62 177 501000 011110 100 204 110 204		800 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	000011 000011 000011	Nil Nil Nil Nil	Not Not Not Not	NA Na Na Na Na	0°18 0°04 9°04	85:69 48:54 46:69 87:46 61:08	44:30 41:4:
		Nahus Siuhor Pupri	840.11	100 000	******	90.01	010 00	000 b0d	******	Nii Nii	Nil Kii	Nil	5	48:48	

# Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 11th of April 1890—concid.

1					Ba	LIWPALL	•			TOT	A.L.		-		Average
l eteorological	District.	Station.	48	\$	É	ag	P. C.	, toth	110	ays.	30	Total rain- fall since lat of	Average total rain- fail from lat of	Total gain- fall since lath May 1889.	rainfall from 16th May to date.
(hivisium.	Difference.		Saturday.	Sunday. April.	Monday, April.	Toesday.	Wednesday, sth April.	Thursday. April.	Priday.	Number rainy days.	Rainfall work.	asouth,	month.	7539.	Qate.
ORTH BEEAR	Обцирагав	Motihari	******	******	000000	1-40-0	******	*****	******	NII NII	Nil Nil Nil	Nil Nil Nil	0.12 0.19	76'88 63'69 70'44	44:70 40:10 7
-concluded.	141	Bagaka	20000	000011	**************************************	630 004	915161 010101	111100	******	NII	MH	NII NII	0104 0109	85.123 44.43	66'81 66'74
	Sarun	Gopalgunge	exper-	*****	44444	900111	*****	0 10 0 17 7	******	Nil	Nil	Nil	6.03	40185	41'88
*	mb-b-b-A	Chuprah		100100	466994	##XX 94	******	491117	*****	NII NII NII	Nil	Nil Nil	6,11 7,11	47'74	41 '01
OUTH BRHAR	Shahabad	Delirer me	*****	641.14	962390	BOULE	400.00	414000	******	Nil	Nil Nil Nil Nil	N:1 Nii	0.11	#8'61 30'81	42°31
ni.		Samerata	544 - 51	00000	04010	999 041	101 00	430 101 430 100	*****	NII	Nil	Nil	0,10	43.68	91.E
		Mohomes	101027		640.00	*****	11000	******	110 68			2711	0.00	35'62	43:71
	Gya	Aurungaba4	aperet		216 244	eas 9 -	*****	484111	002000	Nil	Nii	Nil	0.66	40120	41'1'
		Gya Nowadah	440.104	001400	640.000	*****	7000	4.07.44	101101	NII	Nil	Nil	0.19	30'7E 83'77	41.0
	-	Jehannbad	******	*****	20000 000000	100 01		200 14 2 E04 550	*****	18743	Nii Nii Nii	Nil Nil	7	34'49 96'49	
		Armai Danduager			041100	200120	111100	00.111	******	NU	NII	Nil Nil Nil	9	90°29 17°94	
		Bherrynati .		99111	900000	001111	144	484414	111000	Nil	NII	Nil	1	91.00	1
		Pakri Barawa		1 000001	001100	001104	*####	00. ***			3211	2011	0.86	81'80	68.1
	Patus			*116000	900 ***			27,171	101 091	Nil	261	1	0.10	61:29	42 0
		Hehn?				4 9 4 1 91	*****	000111	000000 000 000000	Nil	Nil	Nii Nii	80.03	28193 4314A	44.78
	1	Barrh	-			100 100		200111 200111	200 204	Nil	Nii Nii	NII NII	j.	38'64	1
		Hiles -	-8*+00 -1/.117	# P # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1	404101		- 04 684	- may 2-00	10100E	Nil			0:07	47.78	6116
	Monghyr	Begooversi			99171	A44 00	******		411410	Nil	Nil	Nit	0 18	61 '77 89 36	6716
		Monabyr		******	D00 +011	*****	100		000010	Nil	Nil	Nal Nal	P	69:10	1
		Goges		******	000144	*****		******	141111	Nil	Nil	Nil	1	43 32	451
	The state of	Sheapare	107400	******	******	******		042101	200001	MII	Nii	Nil	0.19	45 OA 8H HO	041
	South Bhagul	Harks -			110 00	14786	0.25	401 070	201211 20121	Nil	N.11	Nil Nil	1 2	40.07	
		Banyaon			******	100 101	310194	445444	*****	2011	NH			4000	621
	a shall Been	1			1100			******	silgo	Nil	Nil	Nil	0103	49°74	681
	Southal Per	Godda	1 295 10		05111	->1	140704	*****	42002	NI	Nil	31	0.76		
	1 -	Nya Doomka	60000	**	**	2				Nil	NII	Nil Nil	0.11	60143	83
	}	Decemus James	100 41	212 001		******	117.00	000 114	240104	MI		Nil	7		
	,	Muhayama .		ign	801.551	.0. ***		*******	102100	NI	209	Nil	*	60'07	
		Nanchal		-	****					Ni	Nil	2011	0.01	80-34	661
CRUTIA NAS-	Hasnribagh	(Giridi),		1		******	120-11	4.000000		NI	2011	Bil	011		
PTR.		Hammittagh .			000VXV	*10.000	10000 ETT 100	100000	000000	NE		Nil	0.17		40
		Semiagurah Manadi Hill			104.001		******	113.00	110 47	201		Nil	Ni	32:05	
		Jhoomra Hill			411711	117 0	*****	******		Ni	3711	Nil Rii Rii		4"100	1
	1	Chatra .			11.000	111111	100000			Ni	35[1]	Nit	1 1	40164	1
		Karugdoha .		1	040.00		-					9,711	012	107	8.3
	Lobardupes	Loharduggn .		1		1 -	***		D0 me4	Ni		NI NI		5 66 2	56
		Ranshi .			14 191	##1 x 62	1		***	NI	NE	NI	0.1	35'1	
-		bells .		*****	*****	00***		******					1 2	46*7	3
		Raismat Hoperinabad			101781	489.00				30.1	Ni		2	19'6	
	4	Gorman .			******		0 0 == 0.0				1			6 4019	4 1 97
	Singbhoom .	Chyebatton .			1+4 100	160.000	151400	10 901	191107	261		2411	7		1
		Chakradhar-				1	1			265	Nil Nil	261		60 10	
		Beherogure.			11000	***	894 - 10			Ni		7.1		67 3	1
	1								*****	Ni	Ni	311	011		
	Manbhoom	Gebrudpere			*****		*********			Ni Ni	Na Na	NU	0.1	6 3410	
		Haghunath-	1411.04		******		110000	155.41			1			481	13
	1	Barrabheem	050111			001111	104***	00e 04	19.004	Ni Ni	N	NI NI		511	10
	1	Jhalda		1104	*****	1		144.44	*****	Ni	THE	201		891	No. of

Replanation.—Indicates that no rain has fallen. If the return tor any day has not been received, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 15th April 1890.

#### SUMMARY OF THE METEUROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 11TH OF APRIL 1890.

THE week commenced with high pressure, a generally rising temperature, and the usual wind circulation at this season of the year; that is, with westerly winds in Behar and south or south-westerly winds over the rest of the area except in the eastern part of North Bengal, where directions are east or north-east. Temperature was above the normal except in Orissa, Behar, directions are east or north-east. Temperature was above the normal except in Orisea, Bohar, and part of East Bengal, and excess was large in Chutia Nagpur, parts of South-West Bengal and North Bengal. Pressure continued to rise for the first two or three days, and over the whole of the northern half of the province was from 0.15 inch to 0.2 inch above the normal, the excess diminishing to about a tenth of an inch in South-West Bengal and Orisea. In the early part of the week a low-pressure area formed to the west of Behar, and easterly winds blew at all stations in North Bengal and Behar from Sunday the 6th till nearly the end of the week. Weather became unsettled over the greater part of the province, and though the effects were noticeable in the cloudy weather, very little rain fell. A few showers fell in East and South West Bengal during the first half of the week, but none in Orisea or Behar. The low-pressure area moved slowly to the east, and pressure began to fall on Tuesday, the 5th continuing rapidly on the 9th, and more slowly till the end of the week. On Washesday 5th, continuing rapidly on the 9th, and more slowly till the end of the week. On Wednesday, the 9th, there was a distinct depression over part of Behar and North Bengal with cyclonic the 9th, there was a distinct depression over part of Benar and North Bengal with dyclonic circulation, westerly winds having recommenced at the western stations of Behar. Frequent showers fell in North Bengal on the two last days of the week, especially in Cooch Behar, Julpigoree, and the Darjeeling Hill district. Though pressure continued to fall on Thursday and Friday, the depression gradually filled up and moved slowly to the east, the most rapid fall on Friday being in the east of North Bengal. Moderately strong winds blew throughout the week in the nowth-west corner of the Bay and in South-West Bengal

blew throughout the week in the north-west corner of the Bay and in South-West Bengal and Chutia Nagpur, while temperature falling in the lower districts rose in the north of the province during the first half of the week, and fell in North and East Bengal during the latter half as the rainfall area extended over these parts.

Pressure: As stated above, was from five-hundredths to two-tenths of an inch above the normal from the 5th to the 8th, after which the depression, moving gradually eastward, the excess diminished considerably, and by the end of the week there was a general small defect of about two-hundredths of an inch. The largest falls were on Wednesday the 9th and Friday the 11th, amounting on the former date to a tenth of an inch over the northern half of Bengal, and diminishing to about a twentieth of an inch in Orissa and East Bengal; on the 11th it was a tenth of an inch in North Bengal and about a twentieth elsewhere. The 11th it was a tenth of an inch in North Bengal and about a twentieth elsewhere. means for the week are all considerably above the normal, excess ranging from a twentieth of an inch in Chutia Nagpur to a tenth of an inch in North Bengal and North Behar.

Temperature—Has changed rather irregularly and rapidly, the change, as shown in the table below, being largest in the day temperatures. For some time both night and day temperatures have been considerably above the normal, but this week maximum temperatemperatures have been considerably above the normal, but this week maximum temperatures are either below the normal or slightly in excess, while rather large excess continues at night, especially in the northern districts. At Cuttack and Calcutta there has been defect, during the day, of about 3°, while at Gya, Purneah, Hazaribagh, and Darjeeling minimum temperature has been above the normal by amounts ranging from 3 5° to 6.4°. The means for the larger divisions are slightly below the normal in Orissa and East Bengal, and above elsewhere, the largest difference being 2.5° in Chutia Nagpur.

The actual temperatures during the week, the range from day to night, and their variation from the normals are seen in the following table, where the average maximum, minimum and mean temperatures at nine typical stations in different districts in the province are given together with their normal values:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 11th April 1890.

						Normal mean merimum tem- perature for the week ending	Actual mean maximum tem- perature for the week ending 11th April 1800.	Variation of actual mean from the normal.	Normal mean minimum tem- perature for the week ending 11th April.	Actual mean minimum tem- perature for the week suding lith April 1830,	Variation of actual mean from the normal.	Normal mean daily tempera- ture for the week ending lith April.	Actual mean daily tempera- fur-for the week ending lith April 1800.	Variation of actual mean from the normal.
Dustack Lafearta Darea Burdwan Patua Oya Furnuah Haranbagh Durpooling	000 111 000 101 101 101 101 101	100 100 100 100 100 100 100	000 100 000 014 200 100 501	110 200 201 105 000 540 007 007	000 000 000 000 000 000	101'7 95'8 95'8 100'7 100'8 102'8 97'0 96'7 80'9	94'5 92'8 92'0 100'1 101'9 103'5 96 0 94 2 61'3	-8'8 -3'0 -1'8 -0'6 +1'3 -1'2 -1'0 +1'8 +1'6	77:0 75:0 78:3 74 b 71:7 78:1 07:9 70:0	70°0 70°7 78°8 77°8 75°2 78°8 71°4 78°8 40°8	+2'0 +1'7 +0'2 +3'0 +1'3 +6'4 +3'3 +3'8	801-6 851-6 831-6 871-8 871-8 871-8 821-6 881-6	86'9 84'9 86'9 86'9 87'5 91'1 86'7 86'0 55'6	-1'2 -0'6 +1'2 +1'3 +3'9 +1'3 196 +5'2

Rainfall—Has been almost entirely confined to North, East and South-West Bengal. Scattered showers fell in South-West Bengal during the early part of the week, in East Bengal throughout the week, especially on Sunday and Thursday, and in Cooch Behar, Julpigoree, and the Darjeeling Hills there were some heavy falls on the last three days. The heaviest were 6 inches at Cooch Behar, 4.4 inches at Buxa, and 3 6 inches at Alipore Dooar. Elsewhere falls were generally under one inch. The average for North Bengal is 0.8 inch, East Bengal 0.5 inch, and South-West Bengal 0.18 inch, the first being half an inch in excess of the normal. Practically no rain tell in the other districts.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 11th of April 1890:—

			TENT	BRATU	nø					R	ATHPA	LL.		-		
	i i		A verse	ges for	wook.	above or		Of wes	à.	Be	niny da	Aura .	Bince of me		Sinor	18th 1860.
METROROLOGICAL DIVISIONS.	Bighest observed during	Lowest observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week below normal mean of	Average.	Normal average.	Variation,	Average number in Week.	Mormal average num- ber in west.	Variation.	Average.	Normal average.	Average.	Normal average.
Oriona	101-9	76-8	9018	78'6	8616	-010	30(1)	0'99	-0.30	010	07	-07	30'51	0.80	66'08	86°98
loush-West Bongal	107'5	6618	9716	76'7	87:3	+015	0118	0101	-0'18	016	07	-018	018	0100	88'56	8410
best Bengal	90'0	67'3	101	78'5	100.0	-014	0150	072	0121	1'8	1'8	0	0-80	0.56	70-10	7910
forth Bongal	10019	6819	10'8	78%	8811	+016	0-81	0'96	+0'88	1.1	0'7	+816	0'61	0'44	74'67	7216
forth Behar*	103'3	8015	97'1	79'7	8819	+12	<b>W</b> 11	8106	-0'05	0.0	8.8	-018	367	0'15	86'00	4017
louth Behar	107'8	677	1017	76'0	80'5	+810	1611	9100	-0106	-010	0.8	-0'8	MI	0'11	44'46	66'8
Chutin Hagyer	10818*	66'4"	9913*	78'1"	85 87	+3'5"	Mil	0.11	-0'11	910	014	-0.4	NG	0'28	64'10	83-9

\* Chapra and Chysbassa not included.

METEOROLOGICAL OFFICE, BENGAL;

C. LITTLE,

The 15th April 1890.

Offg. Meteorological Reporter to the Govl. of Bengal.

#### Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th April 1890.

			Wind.		ernt.	Hyenon			RATURE	TRMPR		25	, to			
Waateen.	Rain.	Miles recorded.	Prevailing direction.	Humidity.	Dev point.	Vapour tession.	Mean wet bulb,	Minimum.	Ranga	Maximum.	M san.	Mean presente baro at 32º Pabr.	Number of hours bright sunshine.	Maximum in sun.	Date.	Menth.
	Inches.			2	0	Inches	0	0	0	0	0	Inohes.		0		890.
Chiefly clear, o	Nn	145	BSW and SNE	70	78-7	0.883	77.8	76-7	14-6	913	85-1	29 861	8:4	146-7	đtb	pril
Chiefly clear,	11	100	88W	70	78 3	-820	76.8	75.2	17'8	92.5	84 5	1898	7.7	1497	7tb	5.4
Chiefly clea	79	126	38W	06	70-9	-758	75-0	74-8	17-2	91.3	88-3	*968	82	145.5	hth	
Chiefly clas	"	243	88W	78	75.5	1584	78-6	77-8	12-9	90.7	85 7	·797	9.2	146 8	9th	1
Chiefly clear, o	29	240	SW by 8 and SSW	67	74-2	*845	77-9	78 7	16 1	94-8	86 2	-765	83	149 7	10th	
Chiefly clear, o	to	940	88W	71	75-2	-875	78.4	78-0	15 9	93 v	86 7	783	7.7	148-6	lith	
Chiefly clear.	,,	266	SSW	72	74.9	*866	78·1	78-3	14-3	98-6	65.3	764	7:4	148 0	12th	

The mean pressure of the seven days The average pressure of the corresponding period for	24 years,	SG.'s	Office	Inches. 29.812 29.759	
The total number of hours of bright sunshine The maximum possible number of hours of sunshine		» « »	***	59·9 87·5	
The mean temperature of the seven days The average temperature of the corresponding period The extreme variation of temperature	for 24 ye	nars, 8G	.'s Office	85·1 84·7 20·5	
The maximum temperature  The highest velocity of the wind in one hour	• • •		000	94·8 Miles, 19 lbs.	
The highest pressure of wind on one square foot  The mean relative humidity		•••	Approxima		
The average relative humidity of the corresponding p	period for	24 years,	8G.'s	68	
The total fall of rain from 6th to 12th April 1890 The average fall of the corresponding period for 24 ye The total fall from 1st January to 12th April 1890 The average fall of the corresponding period for 24 ye	ars, SG.		• • •	Nil 0·32 1·10 3·39	

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

a dew; < lightning; o overcast.

J. H. GILLILAND,

For Meteorological Reporter to the Goet. of India.

MRTHOBOLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 14th April 1890.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of March 1890.

		Inches.	Duta.
The mean pressure at 10 a.m during the month	•••	29.881	
The mean temperature at 10 A.M. during the month		84.0	
The highest temperature during the month	***	101.9	29th.
The lowest temperature during the mouth		64.4	8th.
The absolute range of temperature during the mouth	***	37.1	
The mean daily range of temperature during the month	989	208	
The greatest range of temperature in one day ouring the	mouth	25.6	8th.
The mean 10 A.M. humidity during the month	0 a 6	61 luches.	
The mean 10 A.M. vapour tension during the month	***	.715	
The total ramfull of the month		0 46	
The greatest fall in 24 hours	0.00	0.21 Days.	10th.
The number of rainy days in the month	0.00 9	4	

C. LITTLE,

For Meteorological Reporter to the Gont. of India.

METROROLOGICAL OFFICE, INDIA, The 7th April 1890.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 6th to 12th April 1890.

Pressure at 10 corrected and reconstructed rec			dates.			Tear	erature.			2	l verometr	IT.	A Part
д 11	Монта.	Date.	ressure at 10 corrected and re- to 39° Fahr.		Maximum.	Range.	Minimum.	bulb at	bath at	S Si	Point.		Rainfall peart 24 he
pril 1890. 84b			Inches.	٠	•				1	inches.	•	7	lache
	19 00 (11 10 20 20 10 1 20 10 171 20 00 M	7th 9th 10th 11th	959 951 578 843	84 4 83 9 85 8 87 4	93°0 92°8 96°0	17 2 18 2 14 0 17 2	75 8 74 8 75 8	88-6 88-6 88-1 90-6	78.5 78.6 79.6 61.0	016: 016: 046:	74 0 74 0 75 H 77 0	66 68 68 68 66 70 69	Nil.

The mean 10 a.m. pressure of the seven days	00+		Inches. 29-881
The mean temperature of the seven days	* 0 1		85.7
The extreme variation of temperature	+ 0 1		21.7
The maximum temperature		- 0 a	96.0
The mean 10 a.m. relative humidity of the seven days	• • •		66
The total fall of rain from 6th to 12th April 1890	4 9 1		Ni

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,

For Meteerological Reporter to the Goet. of India.

Mathorological Oppier, India;
The 14th April 1890.

#### MEMORANDUM.

Weekly review of births and deaths in twenty-seven of the principal towns of Bengal for the week ending with Saturday, the 29th March 1890.

#### BIRTHS.

The births registered during the week ending with Saturday, the 29th March 1890, in twenty-seven principal towns of Bengal, correspond to an annual rate of 19.8 per 1,000 of the aggregate population of those towns which is 1,061,574. This rate is 2 lower than the average rate of the corresponding week of the past five years, and is also lower than the rate of the corresponding week of any of the past five years except 1886 and 1888—vide the figures below:—

	1005,	1886.	1007.	1000.	1680.	Weekly average of five years.	1990.
Ratio of buths per 1,000 of the population per	26:3	1918	201	19.7	28.7	\$1.8	1810

The births registered in each of the last four weeks in each of the twenty-seven principal towns correspond to the following rates per 1,000 of the population:—

,			1	WHEED I	BEDIEG	-					WHEE !	Syptus-	-
Towns.			. 91b March 1896.	19th March 1890.	Shed March 1880.	291b March 1899.	Ťo	wyn.		6th March 1999.	15th March 1998.	22nd March 1886.	20th Morch 1900.
Rardwan Hidrapore Hughi and Chimpwah lerantpore Literpara downah Rail Lanaghur	001  000  000 140	0 V V V V V V V V V V V V V V V V V V V	29°6 34°8 31°2 23°0 18°9 19°5 10°5 20°8 18°0 6°1 18°0 22°2 13°6	18'3 20'1 10'7 2A'3 2A'3 26'3 7'0 22'7 6 0 21'0 24'5 47'3 14 R	24.4 17.0 24.6 21.0 47.3 21.1 11.4 41.9 25.0 30.6 31.5	96'6 96'3 23'0 61'2 28'3 19'8 19'8 24'6 29'8 18'6 21'0 37'0	Naraingani thitboong foundlab Fatona Gya Arrah Mozufferpore Durinisanga Chopen Hoarulpore Monallys Purmeah Poori		100 200 200 200 200 200 200 200 200 200	 37.3 11.7 66.2 7.8 16.6 20.3 18.6 37.8 10.1 18.6 33.4 27.7	33°1 16°1 30°1 15°9 19°1 23°9 14°6 18 7 16°1 30°0 31°6 20°0	20°0 11°7 34°5 6°8 25°5 25°5 25°5 27°1 16°3 30°7 3°5 35°6	1676 2377 1373 1871 2378 1871 1871 1871 1871 2672 2672 2777 28 4

it will be seen that last week the highest birth-rate was returned from Serampore (412) and the lowest from Chittagoug (94). No births were registered during the week in Ranaghat town.

#### DEATHS.

The deaths registered during the week under review correspond to an annual rate of 23·1 per 1,000 of the population. The rate of the week is 1·3 below the average rate of the corresponding week of the past five years, and also below the rate of the corresponding week of any of the past five years except 1888—vide the figures below:—

	1965.	1806.	1867.	1889.	1080.	Weekly average of five years.	1800.
Natic of deaths per 1,000 of the population per		2016	1313	21 0	@ 95°7	26'6	381

The deaths registered in each of the last four weeks in each of the twenty-seven towns correspond to the following rates per 1,000 of the population:—

		W Ka	ENDIES-	_					WENES 1	INDING-	
Towns.	8th Murch 1690.	15th March 1898.	fired March 1996.	19th March 1898.	Tot	WWO.		5th March 1890.	Tath Moreh 1880.	22nd March 1800.	Soft Wareh 1890.
Kishnaghur Banaghal Santipore	20°1 82'8 51'4 66'1 22'8 14'0 16'0 35'0 35'0	24'4 10'3 21'1 27'3 22'3 17'5 18'0 21'0 30'6 21'0 11'0	22'9 40'd 25'0 47'1 47'1 21'8 21'8 11'4 20'0 61'2 26'7 37'0 18'8	24-4 28-7 27-7 21-2 21-2 34-0 21-2 21-2 21-2 44-5 24-5	Narainganj Chittaning Confiltah Patina Gya Arrah Mosufferpore Durshanza Chipra Bhagripore Mosaliyr Turnean Poori		**************************************	 88's 7'0 87'8 9 4 189' 4 78'2 18'6 6'0 10'0 38's 17'3 06'8	8'3 9'4 83'9 11'7 45 0 13'0 14 0 16'7 10'1 18'4 19'0 2'8	6'1 11.7'43'6 17'5 41 0 16'4 6'9 15'7 16'1 18'1 16'5 37'7'48'3	10 06 1 10 06 1 10 17 0 25 11 17 0 25 11 17 0 26 11 17 0 27 18 18 18 18 18 18 18 18 18 18 18 18 18

It will be seen that last week the highest mortality occurred in the town of Gya (66:3) and the lowest in Kishnaghur (5:7).

Measured by last week's mortality, the highest annual death-rates from the following registered death-causes were as follows:—

Ch	olera		Sm	iali-pos		Fee	er.		Other cause	ta.		
- 1		Ratio per			Ratio per mille.			Ratio per mille.			ntio per melle.	
Comillah Dacca Midnapore Howrah Gya	***	16:4 7:8 7:7 4:6 4:1	Poori Patna	***	16.8	Gya Darjiling Purnesh Hughli and Chinsurah		46:1 29:6 24:3	Gya Midnapore Burdwan Poori Bhaguipore		16·7 18·9 13·7 12·6 11·8	

The total mortality from the several registered death-causes in the twenty-seven towns amounted to 2.4 from cholera, against 2.8 per 1,000 in the preceding week; 1.1 from small-pox, against 9; 10.6 from fever, against 9; 1.8 from bowel-complaints, against 2; 5 from injury, against 4; and 6.7 from other causes, against 5.4 in the preceding week.

The mortality of last week according to Sex, Class and Age was as follows:—

According to Sex.		According to	Ciass.		Accord	ting to A	ge.	
	Ratio per mille.			tatio per mille.			1	Ratio par mille.
Males Females Ratio of male deaths to every 100 female deaths, calculated on the pro- portion such mortality bears to the total male and female population		Christians Hindus Mahomedans	000	14-9 22-9 34-0	Under 1 years and under 6 10 16 20 20 46 50 60 years and	6 years 10 ., 15 20 30 40 50	000	182:3 28:5 13:7 9:7 17:8 12:6 12:8 19:9 28:2 66:6

Detailed information regarding the vital statistics of the twenty-seven towns dealt with in the above review will be found in the statement appended.

W. H. GREGG, Inp Publ. Health, Camb., Sanitary Commissioner for Beng A.

The 11th April 1890.

2 Bongal during the week ending Saturday, the 29th March 1890. "sette total 13 29.3 212 DRATES. 2 3 \*00 436 8118 20121222222222222 67 ACCORDING 10 212:22:2:2:2:2:2:2:2:2:2:2:2:2 MORTALITY 9.01 PAROLE 12212211111111212121111 .soq-liemè RATIO 2 principal Municipalities in 187 0 No. 2 117 3 ------3 Deaths in the RATIO PER 1,600 OF PORCLATION PER ANNUM. and Birthe o 300 Results of the Registration of -40 7000. . . . . . NUMBER OF H 48,466 13,608 76,121 27,407 29,667 19,791 12,561 22,130 8,000 8,695 7,018 .latel POPULATION 87,65n 19,658 0,790 01,478 9997 8,583 18,970 4,866 Males. 3 shouring Statement Mozafforpore... Barus ... Bhagalpare DISTRICTS. Durbhengs Jessen Rejstaby Darjiling Monghyr Tipperah Shahahad Pattos Gyn

Comparison of the company of the c	The column   The	Market   M		-		-	-	-	-	-	Barnes and and		-		-	Annual Property							
March   Marc	Part   Part	Management   Man								RTALI	TY AC	COMD	TOE	1							1	1	1
March   Marc	MANUAL CO.  MANUAL	Parent Complete Compl	Olass												Ag								
The second control of the second control of	The control of the co	The control of the co	DIATES AROTO-	TION PRELIES	ARRUM.	4			-	34.752.							A710 PB	1,000	Post	LATTON	10	DE.	
Historian Ministration (1985)	## Section 1		Hardna, Mahomedana, Buddhinta,	-subaiti	Suddhinto.			yours.	Jours.	years.	9 Tobili bits 00	Od seban bna os	09 monn bus oc		Cader   year.	Alant drader base							
1   1   1   1   1   1   1   1   1   1	1.   Control of the control of the		\$ 00		:			-	:	-	:		6.5	91	2.98	1.09	27	1	201	181	1	23.02	13
The control of the	The contraction   The contra	Fig. 10   Control of the control o	33		-		64	91	-	.99	80		-	*	10.0	ä	27.7	17.1	6.80	21.15	9.50	80.00	8. SS
Company   Comp	Street, Stre	Chicagasia   Chi	:: es					-	-	**	•	*	04	10	÷	6.29	181	9.15	62.3	22	287.6	100	\$
Mathematical Mathe	Charleston   Cha	Characteria   Characteria	2 de 2	-		-		•	÷	: ,	:	100	1	-	100.8	:	9.19	:	*	1	7.17	15.6	
State   Stat	State   Stat	Challenge   Chal	*	n :			940	,		. :			:	1	3250	1		1	ŧ	4.4	i	767	1
Section   Company   Comp	Elementary   Ele	Extraction   Comparison   Com	:	2 4			0 (	: -		i	-		9	D) 1	75.0	12	1	144	;	16.0	6H	in in	100
Secondaria   Sec	Secondary   Seco	Salatypee   California   Cali	11 00	9.6		-		• ;	1 :	•	: :	-	-	n +	104.8	1.901	17	1	6.6	1	1 1	;	: 3
The control of the co	Seathless   Seat	Seattlever   Sea	90							:	-	-	:	63	2.191			i	:		417	:	1
The control of the co	The control of the co		60	2.0					946		:		9	-	25	2	1 1	17.9	: 1	10.8	į	1 :	1
	Fig. 10   Partitions   Partit	Particle   Particle	; ;	1	_			1	:		1	_	946			ì		1	2	I		9	2
Process	Continue	December   Decipling	Mimilar 1 2	5	-			-	:	1 1	100	01		=	138.1	:	1 2	*	**	12.6	200	22.73	41.9
The continue of the continue o	Checker   Chec	Percentage of the state of the			1	:		-	-gra	9	:	+	:	1	4	:	85.0	219.1	9433	***	:	;	:
The contribute of the contribu	This property of the control of the	The state of the s	: ::	90.	_		-	•	94	94		9	:	10	19.3	7.	2.02	13.1	16.2	***	22.25	91	2
The complete of this age of the contribute of th	Chitatagaag	The contribit of the contribution of the co	i i i i i i i i i i i i i i i i i i i	41 40		B.000		1	1	*	-	1	:	p=0	lears	- 1	9 9	i	;	į	;	1	;
The complete of the complete o	The complete in the control of the c	The Compile is a second	-			13	-		1	04	:		1	-	9.38		1		8.1.8	F		Ī	1
Lie dynamic Circus III	House Gry	House Cop.   1		T N	:	***	g=0	-	:	0	g=0	eq	04	80	100	2	8.10	-	126.0	18.8	198	į	129.3
Model         Arrah         11         65-5         45-7         11         65-7         45-7         11         15-7         15-	Use         Open         11         0.5         11         15 <th< td=""><td>  Charles</td><td>2 2</td><td>14.6</td><td>1</td><td>*</td><td>10</td><td>10</td><td>9</td><td></td><td>10</td><td>0</td><td>0</td><td>80</td><td>1463</td><td>163</td><td>19.00</td><td>19.1</td><td>4.3</td><td>0.6</td><td>11.8</td><td>31.0</td><td>ä</td></th<>	Charles	2 2	14.6	1	*	10	10	9		10	0	0	80	1463	163	19.00	19.1	4.3	0.6	11.8	31.0	ä
Marchester   1   2   6   6   6   6   7   7   7   7   7   7	March   Arrab   Arra	March   Arrah     19   6       157	# PE	1.20	9	3	25	00	60	41	0-	9	•	=	2.49	40.0	1679	2	1879	20.7	H	74.8	717
		Mary   Mary	9 01	16.0	1 90	GT :		-	***	:	:	:	:	91	101	11.1	10.1	:	٠	9.83	•	**	1
Durbhage	Durbhages	Durbhage   Durbhage	***	13.3		71		1			-	63	:	-	\$18.3	7.12	0.50		1	÷	÷1	20	î
17.   Chaptes   18.   19.   2   2   2   2   2   2   2   2   2	170   170	11. Chapte   1.	3	in in	7			63	-	get)	40	-03	-	8	8.893	S. 73	19.9	9.0	12.9	9.2	4.1	21.0	11.0
Market   13   9   14   14   15   15   16   17   17   17   17   17   17   17	March   13 9   1   14   15   1   15   1   15   1   15   1   1	March   Marc	÷	11.8				i	-	94	-			-	110.6	i	1	10.4	0.08	:	:	17.1	33
Mr. Monghyr	Touris 150 15 15 15 15 15 15 15 15 15 15 15 15 15	Mr. Monghyr 18 1	1	17.0				:		9890	20)	:	i	0	90 570 970	0.69		9.8	12.4	16.5	95 10	:	è
Porri 19 147 227 25.0 18 1 2 2 1 1877 2673	Poorts 19 19 2 2 2 1 19 2 2 2 1 19 2 2 2 1 19 2 2 2 1 19 2 2 2 2 1 19 2 2 2 2 2 1 19 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Purposals	100				90	:	:	:	*	194	:	→.	140-1	16-7	:	:	3	9.9	500	38.3	Ē
Touri 2 344 135 167 257 546 169 455 551 557 551 551 557 551 557 551 557 557	Touri 19	Proori 19	*				and .	60)	:		:	99		1	1837	1	4.93	ŧ	\$.79	Ť	T E	7.92	52
2 334 180 217 240 128 180 18 18 180 18 180 180 180 180 180 1	Total 2 137 97 178 186 188 189 189 189 189 189 189 189 189 189		1	2.64			90	:		-		_		84	1.882	8779	ŧ	i		2.02	102 00 111	83.58	\$
			251	200	10	1		. 8	15	-		-		122	182.3		33.7	100		9.27		0.01	33
	W. H. GREGG,	COMMISSIONER FOR BENGAL,	EX COMMISSIONER FOR BEN	2 8	. 10			8	18						32 33		1 2 0		100	8 22	25 S S S S S S S S S S S S S S S S S S S	25.02 25.03	25.02 12.02

#### OIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 12th April 1890, an compared with the corresponding week of the previous year.

			Wwar no	PERS SATERY PH APRIL 1800	АҮ, ТИН		DING SATURE TH APRIL 1886	
NATURE	of Cargo.		Number of bouts,	Weight of	Tollage.	Number of boats,	Weight of cargo,	Tollage.
			No.	M du.	Ro.	No.	Mds.	Ra.
Rice and paddy Jute Firewood	9:0 h		279 30 56	85,325 16,200 39,500	892 312 604	200 10 89	60,600 4,075 86,130	971 68 63
Other articles	*44	***	¢ 57	1,85.486	2.706	612	1,47,775	2,20
	Total	001	1,052	2,97,510	4,613	920	2,48,680	8,789

Bengal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of January 1890, as compared with the same month of the previous year.

				189	iv.	198	sp.	Tot	al,		
STAPLES.				Up.	Down.	Up.	Down.	1500.	1889.	Increase.	Decrease
				Tons.	Tons.	Tons.	Tons.	Tona.	Tona,	Tons.	Tons.
(m)		***	,	3,916	98	4,686	7	4,081	4,703	****	625
outon twist and yarn-			1								
1 European		180			1						
otton piece-gonda-					)						
1 - Kuremenn -	laa		11	044	,	180	1	617	101	M.e	
a.—In halve and bund	160	600	-:	820	1	100		237	161	76	400.04
9 - Indian -								1			
a. In hales and hund	igo	1 8 9						i			
b.—In hotes	+ 1/4		"					1			
7Bico	- 81		04.	10	73	2	186	88	158		7
5,- Others a de de	***	400	**	47	37	9	94	84	100		1
idea and skins-					1						
1 -Bides of cattle-	-00	10-	1		l		}			1	
a1'miressed											
2Skins of sheep, &c			1		89	6 = 4	40	89	-65	14	** 4*
a; ~ Dressed b, — Undressed	* 5 *									1	
uto-			1		1					1	
L-Raw-							000			1	
b, Unscrewed	* 2 2	40.0		10	649		850	642	592	60	
2.—Gunny bags and cloth	0.01	6.43		417	1		**-101				
1 Copper, unwrought	+ 01	***	!				1				-
f. Hruss, unwrought	de d	4.01									1
4 ron		100	411	63	19	48	36	81	104		9
8.—(in	***	251	]		1						
6 Others	+ 29	0.0	60- 4				1			ł	
1Kerosine		111		94	*****	86	000 000	24	166	8	
2.—Keronino	004	V10	80-	188	040.001	72		128	79	343	*** * *
ilaceds—			1.				1				
1Linseed	1 10	100	20-					1			
2.—Rape and mustard 2.—Til or ginstelly	104	101	44-								1
0Numer	442	101	42.	180	84	20	20	186	42	142	
5 - Cautor		+11.0	107								
6.—Poppy	801	101	401								
LOAIBININ-		101									
s Hetel-mulo	*9*	01.9	461	111	675 123	2	142	577 234	48	839	
alway plant and rolling-stock	100	110	11	111	33	118 20	65	78	267 85	######################################	2
dt as as as as	100	100	***	211		203		911	808	8	
orar—											
1.—Drained	+4.1	411	***	23	170	6	677	193	683	******	480
-tridinated	101	540	3	18	19	15	20	37	88	2	
licther articles of merchandia	-		1.						~		
1 Unmanufactured	***	0.1	141	663	197	866	313	640	670	011	36
1.—Manufactured	10.0	4=+									
	m.	ntai	***	8,500	3,683	8,841	2,210	7.683	8,061	916	1,393

Bengal	Central	Railway, fo.	r January	1890.	
					Tons.
INCREAL	Mp.				
		***		*41	142
194		•	+ 1 +	***	532
DECREA	BRS.				
1 VI.II-		1+4	* 4 *	1 6 B	490
MIN JUIK	argaen.				
	INCRRAI  DECREA	DECREASES. and Jhikargachi.	DECREASES. and Jhikargachi.	DECREASES. and Jhikargachi. *F. P. (	DECREASES.  and Jhikargachi.  *F. P. Quinla

#### Weekly Return of Traffic Receipts on Indian Railways.

#### EAST INDIAN BAILWAY.

Approximate Return of Traffic for week ended 6th April 1890, on 1,625} miles open

	COACHIN	TRAFFI	0.			PRIC.		Other earnings					TRAIN-MIL	no RUE.
	Number of passengure.	Receip	ta."	Weight ourried.		Receipts.		(estimated).		otal ear	n <b>Den</b>	Concluing.	Morehan- diss.	Total.
		Ba.	A. P.	Mps.	ñ,	No. A. P	.	Bo. A. P.	1	Re.	A, P.			
Total traffic for the week Or per mile of railway For previous 13 weeks of half-	250,000	3,18,067 907	10 0	27,85,700	10	6,40,036 11 4.9 6 1		20,130 S D 13 S 4		9,76,274 639		70,123	105,6819	178,765
Ages	8,355,286	37,62,988	4 0	3,39,97,980	30	78,49,104 18	0	9,87,884 12 0	1,	18,69,663	12 (	\$35,850	1,321,400	2,000,761
Total or 16 weeks	3,006,076	40,99,021	1 0	3,66,63,079	0	84,69,221 7	0	2,77,685 1 9	1,	26,65,937	9 5	108,4274	1,125,030}	3,236,617
COMPARISON.														139
otal for corresponding week	965,7604	8,46,603	18 11	36,05,834	200	6,99,966 1	4	18,771 18 9		9,94,848	18	69,864	99,940	100,704
rer mile of rail way correspond- ing week of previous year	0-00+4	246	10 11	*** ***		412 15	0	12 4 10	L	601	36 t	-00 101	199.661	**0 001
otal to corresponding date of	8,671,546)	48,18,400	10 1	3,64,95,913	90	84,80,058 0	0	2,14,000 R E	18,1	20,76,419	4 1	986,480	1,840,006	2,908,876

Approximate Statement of gross receipts of the Bast Indian Railway, prepared in accordance with Public Works
Department Circular No. XXI, Bailway, dated 28rd July 1888.

Baczipi	PR POR WERE	ENDINA 9.		PO POR WHEE APRIL 1800.			RECEIPTS YES PRIL 1888 TO 31: MARCH 1889.			PRIL 1869 TO SI MARCH 1890.		Total	Total
Mean mileace worked.	Zeesipto.	Per mile worked.	Mean mileage sorked.	Receipts.	Par mile worked,	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts	l'er mile worked per wook.	inoronee in 1840.	1000.
1,420)	Ra. 9,05,000	Ro 682	1,835}	Ra. 0,70,275	2a.	1,005	Bo. 4,46,65,600	Ro. 668	1,586)	Ro. 4,40,89,008	Ro. 1677	B.s. 8,16,699	Ra.

#### PATNA-GYA STATE RAILWAY

Approximate Return of Traffic for week ended 5th April 1890, on 57} miles open

	COACHING	TRAPPI	C.		MERCHAPDION TRAFF		- (	Other carning	Total cornings.	TRAFFIC 1	PALIF-MILE	BUA.
	Number of passengers.	Reget	pts		Weight opersed.	Localpte.		(cot mated),		Goathing.	Morchan-	Total
		Ba.	A. 1		M 20. 0.	Bo. A. P		80. A. P.	Ro. A. P.			
Total traffic for the week	16,323 366	0,149		7	63,303 80 1,106 80	4,676 13 6 61 18 1		27 2 0 a 10 &	18,865 8 0 234 16 9	1,610	794	2,500
Por previous 13 weeks of half-	°167,090	*88,977	1	0	<b>#6,08,108 29</b>	154,565 4 6		2495 11 0	1,84,955 1 0	22,413)	0,506	20,990
Total for 16 works	165,382	96,226	10	0	5,69,406 10	41,000 1		833 14 0	1,37,815 9 0	24,0186	9,350	33,838
Companison.												
Potal for sorrasponding week of	17,023	9,766	3	6	44,093 11	8,308 2 6	0	65 7 6	13,118 18 10	1,016	200	2,89
Per mile of rathway correspond-	200	170	8	8	785 97	87 11 1	1	1 1 4	220 3 11	*****	*****	200 per
Potal to corresponding date of	947,410	1,10,700	2	0	\$1,34,000 0	\$31,177 18	9	\$1,258 4 0	1,40,516 8 0	25,006	0,678	34,87

Approximate Statement of grees receipts of the Patna-Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, duted 23rd July 1883.

	PR FOR WERE			POR WERE			L RECRIPTS FRO PRIS. 1888 TO 3 MARCH 1889.			L RECEIPTS PRO PRIL 1880 TO S. MARCH 1890.		Total	Total
Mean mississe worked.	Mosniple.	Per mile worked.	None mileage worked	Beenigto.	Per mile worked.	Mean micage worked.	Total receipte.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	increase in 1880.	Lupo.
073	Ba. 13,118	Ro.	573	Ra. 19,006	Ro.	978	26,04,003	Ra. 170	878	Ro. 15,19,634	Ro.	Ro. 0,101	Ec.

<sup>\*</sup> Added Re. 925 on account of supplemental return to Sist March 1989.

† Added Re. 1,875 on account of supplemental returns to Sist December 1889 and Re. 1,143 on account of difference between the approximate and audited figures to week ended 22nd February 1880.

#### TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 5th April 1890, on 221 miles open.

	COACHING	TRAFFIC.	MERCHANDINE A		Other carnings	Total	TRAFFIC	TRAIN-MIL	e ec.
	Number of passengers.	Receipts.	Weight parried.	Receipts.	(entirested),	GREDINGS.	Conching.	Merchan-	Total.
Total traffic for the week Or per mile of railway For previous 13 weeks of half-	26,810 6277,208 203,618	Re. A. P. 7,002 3 0 314 11 8 972,372 18 0 79,374 18 0	18,709 0 13,709 0 71,98,628 80 2,10,837 30	Ha. A. P. 480 8 0 21 15 9 48,611 10 0 7,100 18 40	3186 0 0 147 20 0	Ra. A. P. 7,000 15 0 897 6 1 79,119 7 0 86,683 6 0	11,700 12,10°	1,00	19,003
Companisor.  Total for corresponding week of previous year for mile of railway corresponding week of previous year gotal to corresponding date of previous year	28,010}	7,597 1 6 327 16 4 83,733 8 6	9,618 80  1,87,608 16	\$47 5 0 10 0 0 \$4,000 11 0	12 0 8 0 0 8 104 0 9	7,000 6 9 304 1 9 37,727 4 3	911	*****	12,436

Added No. of passengers 8,726 and Re. 4,370 0 0 | 5 | 1110 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100

Approximate Statement of gross receipts of the Parkessur Branch Railwan, prepared in accordance with Public Works

Lopartment Circular No. XXI, Italway, dated 23rd July 1893.

RECEIPT 61	H APRIL 1886	REDIES.		TH FOR WERE			RECRIPTS THE PAIT, 1988 TO 5 MARCH 1989.			PRIL 18-D TO 31 MARCH 1690.		Total	Total
Mean mileans worked.	Receipts.	Pwt mile worked.	Mean milener worked.	Receipts		Moan mileute worked.	Total receipta.	Per tuile worked per work.	Mean in.lenge worked.	Total receipts.	Per mile worked per week.	facture in 2500.	decrease in 1890.
	Ba.	Ra.		Ma.	Re.		Ro.	R4.		Re.	Re.	Re.	Ro.
200}	7,686	346	100	7,504	837	394	*3,66,047	349	20)	† 2,84,990	246	40001	3,687

\* Added Ro. 1 on account of supplemental return to 51st March 1869.

† Added Ra. 55 on account of supplemental return to 51st December 1889 and Ra. 4,530 on account of difference between the approximate and andited Squres to week cuded 20nd February 1890.

#### BASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ended 29th March 1890, on 747 miles open.

	COACEIR	TRAFF	c.		Marchand		and Mini	y M.	L	Other an			Total	.1		TRAFFIC	TRACE-MILL	s aum.
	Number of passengers.	Conchi			Weight carried.		Receip	to .		includ steam-b	list i		earnin			Conching.	Moroban- dise.	Total,
4		Ra.	٨.	Ψ.	Mps.	B+	Bo.	Ā.	7.	Es.	▲.	г.	Re.	<b>A.</b>	P.			
Total traffic for the week	104,400 930	80,640	0	0	5,68,749 761	0	86,410	0	0 0	27,910 113		0	1,97,970			23,116	97,183	50,299
For previous 12 weeks of half-	1,888,880	0,58,353	0	0	69,06,140	0	13,47,613	0	0	2,33,686	0	0	*85,09,652	0	0	267,480	257,663	615,001
Total for 15 weeks	8,946,990	10,23,000	0	0	74,74,900	0	14,58,083	0	0	2,61,016	0	0	27,07,622	0	0	290,848	866,868	675,390
Comparison.																		
fotal for corresponding week of	186,001	80,668		0	6,30,648	0	78,969	0	0	90,788			.,,			21,400	22,404	48,944
Per mile of rathery correspond-	103	290	9	0	800	0	117	0	0	<b>†16</b>	0	9	251	0	0	******	*****	751401
Potal to corresponding date of previous year	1 016 698	10,26,010	0	0	64,49,848	0	11,22,978	0	0	9,38,361	0	0	23,81,286	0	0	279,102	319,441	506,543

\* Audited up to week ending 5th February 1890.
† Excluding steamer carmings.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

	THE WOR WHERE		Racatr	TO POR WHEE TH MARCH 188	RNDING	TOTA	L RECRIPTS FROM THE SECOND SEC	n ler TH		RECRIPTS PROPRIE 1859 TO 19 MARCH 1890.		Total	Total
Moan mileage worked.	Receipts.	Per mile worked.	Mean milango worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Por mile worked por wook,	Moan milmer worked.	Total receipts.	rer mile worked per wook.	1889-90.	decrease in 1889-90.
673	Ra. 1,86,860	Blo. 277	947	Rs. 1,97,070	Re.	673	Ro. 1,08,83,688	Ra.	798	Ro. *1,14,78,788	Be. 308	Ea. 8,65,128	Ma <sub>0</sub>

Audited up to week ending 8th February 1890.

#### BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 20th March 1890, on 128 miles open.

	COACHING	TRAFFI	g.		Manchard	Tata Tata	AND MIN	20.30	JAK.	Other	_ :	Total			TRAFFIC	Traip-milb	e EUF.
54	Number of passengers.	Conchi			Weight ourried.		Receip	ţa,		Other on		oarnii			Conching.	Merchan- disc.	Total.
		Re.	An	P.	Mps.	8.	Ba.	۸.	₽,	Bo.	A. P.	Za.	A.	P.			
Fotal traffic for the week	26,010	9,000	0	0 0	73.310 887	0	4,810	0		80	0 0	14,230		0	3,788	1,987	6,671
For previous 12 weeks of half-	331,000	1,18,008	0	0	8,19,580	0	25,404	0	0	660	0 0	*1,64,07%	0	0	48,297	12,639	68,680
Total for 13 weeks	307,610	1,97,006	0	0	6,92,030	0	39,614	0	0	710	0 0	1,48,322	0	0	- 44,949	26,570	71,5**
COMPARISON.		1														- 41	
Total for corresponding week of	20,882	10,546	0	0	40,008		4,087			20	0 0	14,915	0	0	8,718	1,980	5,71
Per mile of ratiway correspond-	297	67		0	464	6	36	0	0	*****		119	0	0	000 00+	00000	*****
Total to corresponding date of previous year	871,907	1,98,176	0	0	7,20,038	0	25,176	0		4,964	0 0	1,75,684	0	0	47,848	34,677	78.61

<sup>\*</sup> Audited up to week ending 8th February 1800.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPT 301	TE FOR WEST	BEDIEG.	RECEIP	TO POR WHEEL	BND1310		L RECEIPTS PRO 1880 TO SOTH R 1899.			L MECKIPTS FRO 1809 TO 29TH A 1890,		Total	Total
Mean micaso worked	Receipts.	Per mile worked.	Mean mileagr worked	Ressipta,		Mean milease worked	Total receipts.	Per mile worked per week.	Mean mileage worked,	Total receipts.	free mile worked per work.	increase in 1839-90.	decrease is
195	Ro. 14,919	Ba. 139	136	Ro. 14,260	Ro. 116	126	Re. 7,11,700	Ro.	1.05	Ra. 97,22,778	20. 113	Ro. 5,004	Ro.

<sup>\*</sup> Audited up to weak ending 6th February 1990.

#### DACCA STATE BAILWAY.

Approximate Return of Traffic for week ended 29th March 1890, on 86 miles open.

	COACHIE	TRAFFI	c.		Mancha no		and Minn vic.	BA		Other car	plu	(0)	Total		1	THANKS	TRAIN-MILE	o num.
-1	Number of passengers.	Conchi			Weight carned.		Receipts	l.		(entimate	od)		MILITARIO	(We		Conching.	Merchan- disc.	Total.
		Ba.	A. 1	P.	Mpe.	0,	Ba,	h .	P.	Ra.	Δ.	P.	Ro.	A. 1	P. ]			-
Total traffic for the week	29,790 546	9,190	0	0	19,010 Z21	0	1,900 24	0	0 0	80	0	0	11,160	0	00	2,400	<b>CD4</b>	3,101
For previous 12 weeks of half-	508,900	73,707	0	0	2,30,240	0	82,968	0	0	2,247	0	0	°1,08,964	0	0	25,704	8,580	37,078
Total for 13 weeks	231,980	83,949	0	0	3,49,860	0	34,848	0	0	2,327	0	0	1,90,194	0	0	81,175	9,004	40,782
Potal for corresponding period of power out year per security may corresponding period of poer into year	16,927	6,254	0	0	19,016	- 1	740	0					6,350	0		8,400	634	3 <u>34</u> 4
Potal to corresponding date of previous years	197 202,463	61			1,40,567	0	14,803	8	0	2,160	0	0	79,006	. 0	0	31,690	0,400	40,027

<sup>\*</sup> Audited up to week ending 8th February 1990.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacra State Railway.

RECEIPT	E MARCH IS	ENDING	291	H MARCH 1850	0.	Armii	. BECRIPTS PRO , 1805 TO BOTH I 1800.	HOMA	APRII	L RECEIPTS PEC LIMB TO SPIN 1 1000.	PRI TOTAL	Total	Total
Mean milesto wurkeil	Receipte.	fer mile enried	Mean wirked.	Receipts.	Per	Mean mil age worked.	Total receipts.	Per mile worked	Mean mileage worked.	Total receipts.	Per mite worked per week.	Increase in 1889-90,	thecrease in [M9-90,
	Ro.	Ba.		Ra.	Ba.		Ro.	Re.		Ra,	Re.	Re.	Ha
96	6,950	73	105	11,100	180	86	8,05,900	86	06	°4,05,882	91	3,02,100	\$0000

<sup>\*</sup> Audited up to week ending 6th February 1860.

#### NALHATI STATE BAILWAY.

Approximate Return of Traffic for the week-ending 5th April 1890, on 17? miles open.

	COACHIN	TRAFF	ic.	MBBCRABE		AND MINI	BAI					TRAFFIC	TRAIN-MILE	n mugi.
	Number of passengers.	Conchi		Weight carried.		Receipt	n.	Other earnings (estimated).	ear	otal		Conching.	Merchan- due.	Total.
		Re.	A. P.	Mns.	8.	Rs. A	. y.	Ba. A. P.	1	le.	A. P.		1	1
Total traffic for the week Or per mile of railway For previous 12 weeks of half-	3,088 118	1,088 40	0 0	0,191 887		88	0 0	11 0 0		62	0 0	509	254	7/5
7061	42,486	15,320	0 0	1,80,516	6	11,096	0	1,874 0 0	97,	788	0 0	6,319	6,697	13,846
Total for 15 weeks	46,696	16,493	0 0	1,90,007	0	11,483	0 0	1,386 0 0	29,	671	0 0	B.DOA	6,431	12,709
Comparison.														
Total for corresponding week! of pravious year Per mile of railway correspond-	3,987	1,877	0 0	8,446	0	907	9	10 0 0	1,	177	0 0	800	306	617
ing week of provious year Total to corresponding date of	110	47	0 0	200	0	36	0 0	1 0 0		46	0 0	*****	******	004 1/24
Letal to consessentiated days of	48,887	18,863	0 0	1,75,876	0	10,801	3 8	1,018 0 0	20,	377	0 0	6,980	4,996	13,578

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

Amoust P1	r por were n april 160	REDIEG 9,		79 FOR WHUK FR APRIL 188			RECEIPTS FRO PRIL 1865 TO 61 APRIL 1869,			APRIL 1869 TO 5		Total	
Monn mileans worked.	Escetpin.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean naicage worked.	Total receipte.	Per nule worked per week	Mean micage worked.	Total receipts.	Per mile worked per wook.	increase to 1689-90.	Total decrease in 1819-90.
	Re.	Ba.		Re.	Bo,		Be.	Be.		Re.	Ro.	Ro.	Bs.
27t	1,077		973	1,688	63	271	a1,437	58	871	a1,303	00	*******	\$35

a Average for 6 and 5 days has been shown.

#### TIRHOOT STATE RAILWAY.

Approximate Beturn of Traffic for the week ending 5th April 1890, on 278 miles open.

	Оодонти	TRAFF	IC.		MARGEARD		AND MIR	#2	AL	Other or		i vina antonio	Tou			THAPPIC	TRAIS-MI	LES BUT.
	Number of passengers.	Concli			Weight corried.		Receip	łs.		(cottma			ohPhi		la l	Conching.	Merchan- due.	Total.
		Ro.	A.	2.	Mns.		Ba.	Δ.	P.	Ba.	▲.	P.	Be.	Α.	P.			-
Total traffic for the week	48,838 179	18,797	0	0	9,43,138 997	0	28,172 103	0		2,792		0	49,671 175	0	000	0,082	8,136	13,71K
For previous 19 weeks of half-	611,867	2,55,622	0	0	83,87,751	0	3,84,744	0	0	40,388	0	0	6,80,928	0	0	09,919	121,339	191,856
Total for 13 weeks	660,185	2,74,519	0	0	86,40,580	0	4,12,916	0	0	43,154	0	0	7,30,500	0	0	75,601	220,475	200,976
Total for corresponding week	47,168	18,410			1,83,997		19,298			4,613			49,898	0		8,341	8,680	10,371
ng week of previous year Total to corresponding date of protions year	178 570,887	67 2,24,836		0	18,78,887	0		0		44,849	ľ	0	4,48,680	9		70,787	78,875	102,832

• Steam-bost carnings excluded in calculating "Total carnings per mile of Bailway."

s Includes its, 1,556 as "Sundry receipts,"

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirkot State Railway.

	TO FOR WERE		Receipt 57	TO POR WESK H APRIL 1890	HEDING		PRIL 1869 TO 6 APRIL 1889.			L RECEIPTS PRO APRIL 1990 TO APRIL 1890.		Total	Total
Mean mileage worked.	Receipse.	For mile	Mean minage worked.	Receipts.		Mean mileage worked.	Total receipts.	Per mile worked per work.	Mean mileage worked.	Total receipts.	Per mile worked per week.	increase to 1890-01	1690-91
	Re	Re.		Bo.	Ra.		Ra.	Ba.	•	Ra,	Ba.	Ra.	Ma.
273	43,898	186	978	40,671	183	173	a30,261	188	873	a35,480 a	180	+21196	HU1

e Average for 6 and 5 days has been shown here.



# The Calcutta Gazette.

WEDNESDAY, APRIL 23, 1890.

#### OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Suprement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

#### CONTENTS.

	Page.		Pope.
Encourator on the Chemical Examiner's Report for	885	STATEMENT showing the Results of the Registration of	
Resolution on the Embankment Reports for 1888-89	867	Bengal during the week ending 5th April 1890	800
Rainfall, Weather, and State and Processors of the Grops Prices-current (refet) of Food-grains, Firewood and Mait in the Head-quarter Station Hazars of the district		water in the livers (huges, Bhagiruthee, Judinghoe and Brainmapoutra for the mouth of January 1890 Oriesa Circle—Taldandah Canal System for the mouth of	884
of Beneal on the 15th April 1890	864	South Western Circle-Nudden Rivers during the month	. 683
of Traffic imported and exported into Calcutta from the interior during the month of January 1890		of February 1890	897
Meteorological Report of the Province of Bengal for the week ending Friday the 18th of April 1890		the month of Pebruary 1850 South-Western Circle—Calcutta and Eastern Canals during	100
Statement of Mainfall in Beauth for the week ending		the month of Pobruary 1890 Circular and Eastern Canals for the week ending 19th	. 399
Results of the Burometrical and Thermometrical Obser-		April 1800  Bastern Bongal State Railway for the month of January	902
ringhee, from 13th to 19th April 1890	078	1890 Bast Indian Railway for the month of February 1890	0-40
Alipore Observatory from 18th to 19th April 1890	879	Weekly Return of Traffic Receipts on Indian Reilways	. Suă

#### RESOLUTION ON THE CHEMICAL EXAMINER'S REPORT FOR 1889.

#### RESOLUTION.

#### MEDICAL.

Dated Calculta, the 13th April 1890.

#### READ-

A letter from the Inspector-General of Civil Hospitals, No. 3354, dated the 5th March 1890, forwarding the Report of the Chemical Examiner for the year 1889.

#### Read also-

The Report for 1888 and the Resolution recorded by Government on it.

The following table shows the general nature of the work done during 1889 as compared with 1888:—

1	Tedico-leg	al.			
			1888.		1880.
Human viscera tested for poison	111		199		209
Animal ditto for do.	9 4 4	***	122		144
Fowla' ditto for do.	* 1 *	***	2		1
Substances suspected to be or to	contain	poison,			
including cattle poison	004	***	. 591		663
Artigies tested for blood stains	***	8 * 5	246		299
Ditto for seminal stains	***		61		62
Human hair		***		•	4
Asses' hair		***	*****		1
Muscular tissue					1

A	ticles tes	ted for pur	ity and qua	lity.	
Potable water Petroleum and inflams	nable oil		000	61 268	74 292
T tour feeter	•••	***	***	9 52	25 47
Opium from the Bo			Lower	6	13
Salt		***	***	186 37	57 64
Ghee Spirit for deleterious a	dulterat	ions	***	18	63
Spirit determinations f		***	***	172	255
Small Arms Ammunit Fort William Arsenal		ory, Dum-	Dum	373 4	<b>488</b> 5
Medical Store Departs Telegraph Store Depa		• • •	***	10	7 12
Commissariat Departments	ent	***	•••	117 78	120 81
Offiet Debaremente	•••	***************************************	•••		
		Total	***	2,613	2,977

The above figures show that the work of the Chemical Examiner is increasing in every direction. Since 1880-81 there has been an increase of 1,507 in analyses, or an increase of over 100 per cent. In addition to the analyses above enumerated, nine opinions on technical questions were submitted during the year under report, and 31 applications for leave to file specifications for patent rights were reported on for the Government of India. Some work was also done for the Department of the Collector of Customs, Calcutta, in connection with the introduction of the new Excise rules for determining the real alcoholic strength of imported spirits. Two hundred and nine human viscera were examined for poison, as against 199 in 1888. Poison was detected in 48.3 per cent. of these cases, as against 44.2 in the previous year. In 50 cases opium was found, and in 29 cases arsenic, and there were 22 cases in which traces of other poisons were discovered. In commenting on the large number of cases in which the two first-named poisons are found, Dr. Warden remarks: "These figures very clearly demonstrate that opium and arsenic, the two most commonly known poisonous drugs, are still the favourite agents for suicidal and homicidal purposes, respectively, while the more easily procurable, and in many instances as deadly, vegetable poisons are comparatively still very little used in spite of the advance of civilization."

The following remarks of the Chemical Examiner in connection with the examination of spirit for deleterious adulterations are worthy of special note: "Sixty-three samples were examined, compared with 18 during the previous year. The object of the examination was to ascertain whether or not noxious drugs were added to increase the intoxicating effects of the spirit. The following drugs were especially sought for:—Indian hemp, opium, nux-vomica, datura, aconite, and in some cases tobacco. In every case negative results were obtained. Bearing in mind that some of the drugs supposed to be used are highly toxic, and not usually credited with producing intoxicating effects, and having very distinctive and unpleasant tastes, and also remembering that others are costly, it seems highly probable that the idea regarding the adulteration of country liquor with noxious drugs is based on incorrect deductions made by persons not possessed of any technical knowledge. There is no doubt that drugs are added in some cases to the contents of the fermenting vate, as, for example, nux-vomica seeds in bakur pills, and the incorrect conclusion has been arrived at that the distilled spirit must also contain the same drugs. But this inference, as I pointed out some years ago, is founded on a misconception. The active principles of such drugs as aconite, datura, nux-vomica, Indian hemp are non-volatile, and, though the fermented liquid may be saturated with such poisons, the distillate under ordinary conditions will be harmless." These remarks go far to prove that the popular opinion that country liquors are rendered noxious by the infusion of drugs of the nature of datura, hemp, aconite, and the like, is founded on an altogether mistaken basis.

The thanks of the Lieutenant-Governor are due to Dr. Warden for his

report, and for the good work he and his assistants have done during the year.

The able and exhaustive report on tube wells submitted by the same officer has already been dealt with in the Sanitation Department of this Office. It is likely to prove of great value in forwarding the cause of sanitary reform.

#### By order of the Lieutenant-Governor of Bengal.

JOHN EDGAR,

Chief Secretary to the Govt. of Bengal.

#### RESOLUTION ON THE EMBANKMENT

#### No. 6951.

#### GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT.

Irrigation.

Dated Calcutta, the 21st April 1890

#### RESOLUTION.

The embankment reports for 1886-89.

The budget grant for the maintenance of embankments in Bengal for the year 1888-89 was :--

Government embankmente Tuccavee embankments under contract	• • •	***	Re. 6,31,928 3,15,072
	Total	***	9,47,000
The expenditure during the year was Government embankments Tuccavee embankments under contract	as follows:	• • •	6,53,405 1,29,796
	Total	* * *	7,88,201

2. The accompanying statement shows the lengths of embankments in each civil division and district in Bengal other than Orissa. The D Schedule embankments are maintained at Government expense, and those classed as tuccavee are maintained at the cost of zemindars, either under contract for a fixed term of years, or under annual estimates for repairs. The expenditure on the latter is shown in the remarks column.

3. The total length of D Schedule embankments and the cost of maintaining the same, exclusive of charges for establishment and tools and plant, during the year under review, as compared with those of the previous year, are shown below :-

Year.		Lengt	idn.	Cost.
		Miles.	Feet.	Rs.
1888-89	 	 1,127	887	2,98,623
 1887-88	 	 1,127	387	2,54,129

The average cost of maintenance per mile has increased from Rs. 225.47 in 1887-88 to Rs. 264.95 in 1888-89.

The chief cause for this increase in expenditure is to be found in the severity of the inundations with which the embanked districts of the Presidency and Burdwan Divisions were visited after the heavy rainfall of August 1888. The readings recorded on the gauges of the chief rivers, e.g., the Rupnarain, Damuda and Bhagirutti, are but a few inches lower than the highest recorded

in any previous year. In the districts of Burdwan, 24-Pergunnahs, Moorshedabad, Hooghly and a portion of Midnapore numerous breaches of the embankments took place, and the outlay incurred in closing these and in retiring the embankments at threatened points was heavier than usual. Of work of a more special character which has been carried out may be mentioned the raising of portions of the left Damuda embankment in Burdwan; and in the Hooghly district, the remodelling of the embankments of the Madaria khall and of the Damuda, the raising of five miles of the left embankment of the Rupnarain and the construction of a new retired line at Mallock, on the same river, the encroachments of which at this point have been a source of heavy outlay for some years past.

4. The embankments of the Burdwan estate, which are included in Schedule D, were maintained at a cost of Rs. 1,38,319, against Rs. 91,156 in the

year previous, or at an increase of Rs. 47,163.

4.942 feet. The small addition of 136 feet over the length shown in the last return is due to the taking over of the Rajbundibund in Midnapore. The average mileage rate of maintenance has risen for 242 miles of tuccavee embankment in the Midnapore district from Rs. 135.32 to Rs. 143.89; for 236 miles in the Patna Division the rate has fallen from Rs. 219.43 to 199.18. On the Gunduk embankments in the district of Chumparun the rate per mile has increased from Rs. 244.30 to Rs. 338.03. It appears from the report that though the Gunduk was at no period of the season in very high flood, yet that the persistent set of the river at various points on its left bank was such as to necessitate heavy expenditure in training and protective works, in order to hold the line of the embankment. The 120 miles of embankment on the Sarun bank of the Gunduk were maintained at the comparatively low rate of Rs. 158.82 per mile.

The losses and suffering caused in embanked districts of Lower Bengal by inundations through breaches in times of flood, and the more frequent occurrence each year of such breaches, in consequence of the deterioration of river channels where embankments exist, are subjects to which much attention has been paid throughout the year. The causes of the defective drainage in the southern portion of the district of Midnapore were investigated by a Committee of Enquiry appointed for that purpose; and a special survey division was organised to deal with the Damuda and Rupnarain rivers. In both these cases the difficulties are great on account of the gradual silting up of the natural drainage outlets of the country. The difficulty of this drainage question is yearly increasing rather than diminishing, but the matter is being carefully considered, and the Lieutenant-Governor trusts that some practical way

of treating it may shortly be arrived at.

By order of the Lieutenant-Governor of Bengal,

J. M. McNEILE, Col., R.Z.,

Secretary to the Govt. of Bengal,

P. W. Dept.

ACCOMPANIMENT TO BENGAL GOVERNMENT BENCHMION No. 6951., DATED 21ST APRIL 1890.

4

List of Embankments in Bengal, the property of Government and in charge of Government Officers, stowing the length and cost of maintenance during the year 1888-89.

						MILE	S OF EM	MILES OF ERBANKER	3.0					COURT OF WAISTERA OF D. SCHEDULE EMBANEMENTS.	E I	OFFICCATI EMBANG. MENTS CUDER CONTRACT.	OF TECCATI MERANG. MENTS CADER CONTRACT.		Page age general
HAME OF CITE DISTRIOR.		District.						Trecave	LW1.			Total miles of embantmest.	miles straest.		1		0	payable under contract.	Linear
				D Behodula	ala	Under construct.	onstract.	Not under	od.	Total.	7			TOGET	Bille.	Toba.	nile		
Name or	Monuferpore		S 1	Miles.	Peat.	Miles	Port.	M Bon.	Feat. 1.080	MODes.	Feet. 1.450	Miles.	Peot. 1,480	4!	4	Pa. 11,514	Re.	Ra. 10,415	-
Parra	Durbhane	*	•	0-1-00	:	64.0 51.0	9	17	3,980	17	8,50	2	3,76	:	* * * * * * * * * * * * * * * * * * *			i	Ing the year. Re. 3.04s were expended on repairs to the Baritosis ambankmens
	Serun Chumperan Sys	* 1 4	111	1 1 1	1 1	52	9 ;	\$ 1 1 1	1	28-	\$ 8	23-	3 8		* * * * * * * * * * * * * * * * * * *	100.4	11.9.16	13,900	during Ra. 999 w
						ă	4,000	3	420	823	5,081	210 0.12	8,035	2000		25, 78	11.061		the Sukri bund during the year.
	Wharulpore Maidah	* *	1	01	. 8			•	8		8,		198 ag	9.0	#	*	: :		Re. 575 were expended on rose to the Chandan embantmen
BEASULPORE		6 0 0		:				•	1,315	•	1,818	64	1,816	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9			1	Re. 51 were expended on repairs to the Reive band during the year
	L Monghyr	Ē 1	1		1	901100	1901 0410	n	1,78	=	1,880	=	1,920	200000		-			Re. 9, 233 were expended on rep.
		Total	1	01	960	****	000,000	17	813	=	200	10	1,574	613	183 769			******	during the year.
BAJORANTE	Raj bahya Bogra	1:	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10)	4,842		1 1		820	: 1	300	40	86.58	1,925	15.681	***	999		There was no expenditure on the
٠		Total		10	4.262				390		340	10	4,609	1,826	10.100				during the year.
Posternance	Muorabedabad	pus	:	82			Box o 1 ·				# 1 1 2 3	2	**	\$8,126	\$66.19	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	4	
	Naddes Varddes	iles :	1 1	9	4,000	: 8	# # # # # # # # # # # # # # # # # # #	04	: :		0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 3	1 312	N.n. 80,807	22.00		*****	*****	There was no expenditure on
		Total	:	316	8		*****	-		00		316	8	02,633	10.585	¥			daring, the year.
	Burdwan		:	8	3,470	100 00 00 00 00 00	0 0 0	-	ឆ	-	33	8	3,438	25,034	27.100	Annual	*	i	There was no expenditure on the Johnstiyere, Referentipore, wild
BURDWAN	Beerbhoom	2		60	1,300	Phone	1	:	1,350	0.000	1,240	98	2,678	8	81.00	1	į	Ī	Laken embankments during the year. There was no expenditure on the Article embankment for the second
	Hooghly	:	:	100	1,826		P-0-1-0-0	40	*	40	*******	8	3,886	819'00	273-28	200		-	No. 455 were expended on remedele
	Midnapore	# ***		888	\$	300	3:0	(9)	1,590	200	3,640	500	1,708	1,17,925	211.08	34,851	14370	85,800	ment during the war.
		Total	:	Sing	808	3	087	121	2,663	\$85	8,813	1,980	3,687	2,04,150	265.71	34,431	163.50	85,000	the year.
	GEA	GRAND TOTAL	-167	a diameter			-			-	-	-	-	-	-		-	-	

This is the correct langth of the Sukri band and 19 feet more than the length shown in previous year's return.
 Increase of 135 feet of the Rayburni band—wife B and Govern m at No. 1971, dated pla July 1839.
 This is the length of the Johi without nad was not shown in previous year's return.

#### Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 19th April 1590.

	No		and date of urn.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects
В	ENG	AL.			(Mar. 7. ). (
		Western	Districts.		
	1	Burdwan Culna	April 19, '90	Nil 0.03	Weather—hot and occasionally windy. Cultivation very much retarded for want of rain. Prospects of til and sugarcane not good. Prices of communication:—
					Burdwan 17½ Culua 16 Cutwa 16 Ranigunge 12½
16.	2	Bunknora	,, 19, '90	0.77	Weather—much cooled down by the rain and storm of last evening. Rain will facilitate agricultural operations generally, and will do good to standing crops. Common rice 20 seers per rupes at Sudder and 19 seers at Bishen-pore.
I Dr	3	Birbhum	,, 19, '90	Nii	No crops on the ground. Price of rice 16 to 20 seem per rupee,
BURDWAF DIVE.		Midnapur	19. '90	NII	High wind and some cloud, but no rain reported anywhere. Weather cooler. Rain required for bore. Indigo doing well. Prices of common rice: - Src.
			i i		8udder 19
					Tamluk 16 per rupee.
					Ghatal 18 )
	8	Hoogbly	., 19, '90	0.36	Weather - windy and cloudy. No crop on the ground. Prices of common rice:-
			1		Budder 18 )
			+		Serampore 16 per rupee.
1		Howah	,, 19, '90	Nii I	Jehan-bad 16 J Weather—very hot days, but nights cool. Bero dhas much damaged for want of rain.
		Central Di	efricle.		
	6	24-Pergha.	April 22, '90	Nil	Weather—very hot. Strong southerly wind and alight shower at the end of the week. Rain much wented. Sugarcine and bere paday suffering. There was some rain yesterday [21st) afternoon, and this will much benefit the crops. Price of common rice 15 secre per rupes.
	7		1		
Dry		Nuddae		I	teport not received.
DENOT DIVE.	8	Khoolna Begirhat	,, 19, '90		eather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rain has fallen in the Sudder
PRESIDENCE DIVE		Khoolna		0-69 W 0-17	conther-hot in beginning of week, stormy during last two nights. Bore
PRESIDENCE DIVE	8	Kheelna Begirhat Jessore	•••	0.89 0.17 1.60 1.00	cather—hot in beginning of week, stormy during last two nights. Bere harvest going on with good outturn. Some rain has fallen in the Sudder and Bagichat subdivisions, but more is wanted.  Ventuer—hot and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.
PRESIDENCE DIVE	8	Khooina Begirhat Jessore Narail	., 19, '90	0:69 W 0:17 1:60 W 1:00	cather—hot in beginning of week, stormy during last two nights. Bere harvest going on with good outturn. Some rain has fallen in the Sudder and Bagichat subdivisions, but more is wanted.  Venther—hot and occasionally cloudy with strong wind. Reliafall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Feather—normal with dust storms. Lands are being prepared for one rice.  Weather—fairly coal with occasional showers. Sugarcane pressing completed; outturn estimated at 12 ann. a. Jute, sugarcane, and bhados are being sown.
PRESIDENCE DIVE	9	Khoolna Begirhat Jessore Naruil Moorsbedabad	,, 19, '90	0-69 W 0-17 1-60 W 1-00 W 1-57 W	Cather—bot in beginning of week, stormy during last two nights. Bere harvest going on with good outcurn. Some rain has fallen in the Sudder and Bagichat subdivisions, but more is wanted.  Venther—had and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Centher—normal with dust storms. Lands are being prepared for one rice.  Venther—fairly cool with occasional showers. Sugarcane pressing completed; outturn estimated at 12 ann. a. Jute, supercane, and bhadon are being sown. In Tunkurgaon tain wanted, otherwise prospects good. Price of rice at Sudder and Thukurgaon 18 seems for rupse.  Seather—very hot and dry during early part of week; since then couler sowing of all crops, which was retarded owing to absence of rain, will now
PRESIDENCE DIVE	8 9 10 11	Khoolna Begirhat Jessore Naruil Moorsbedabad Dinagapur Rajahahye	,, 19, '90 ,, 19, '90 ,, 19, '90	0-69 W 0-17 1-60 W 1-00 W Nil W 1-57 W	Cather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rain has fallen in the Sudder and Bagerhat aubdivisions, but more is wanted.  Veather—hot and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Cather—normal with dust storms. Lands are being prepared for our rice.  Veather—fairly cool with occasional showers. Sugarcane pressing completed continue estimated at 12 and a. Jute, sugarcane, and bhados are being count. In Tunkurgano rain wanted, otherwise prospects good. Price at rice at Sudder and Tunkurgano 18 seems eer rupes.  Veather—very hot and dry during early part of week; since then couler fowing of all crops, which was retarded owing to absence of rain, will now be taken in hand extensively in the Sudder aubdivision. Rain much wanted elsewhere.
PRESIDENCE	8 9 10 11	Khoolna Begirhat Jessore Naruil Moorshedabad Dinagapur	,, 19, '90 ,, 19, '90 ,, 19, '90	0-69 W 0-17 1-60 W 1-00 W Nil W 1-57 W	Cather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rein has fallen in the Sudder and Bagichat aubdivisions, but more is wanted.  Centher—hot and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Centher—normal with dust storms. Lands are being prepared for our rice.  Centher—fairly cool with occasional showers. Sugarcane pressing completed; outturn estimated at 12 ann a. Jute, sugarcane, and bhadon are being comm. In Tunkurgaon rain wanted, otherwise prospects good. Price of rice at Sudder and Tunkurgaon 18 seems for rer rupse.  Centher—very hot and dry during early part of week; since then couler fowing of all crops, which was retarded owing to absonce of rain, will now be taken in hand extensively in the Sudder aubdivision. Rain much wanted classifier.  aily storms of wind and rain cooling the air and laving the dust. Pain has been general, and has had a most beneficial effect. on cultivation. Fields are now being ploughed for late rice, which, with jute, is being sown over large areas. Latest report from the south of district, however, shows that more
PRESIDENCE	8 9 10 11	Khoolna Begirhat  Jessore Narail  Moorshedabad  Dinagapur  Rajshahye	, 19, '90 , 19, '90 , 19, '90	0-89 W 0-17 1-60 W 1-00 W Nil W 1-57 W 2-06 W	Cather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rein has fallen in the Sudder and Bagichat aubdivisions, but more is wanted.  Centher—hot and occasionally cloudy with strong wind. Relufall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Centher—fairly cool with occasional showers. Sugarcane pressing completed; outturn estimated at 12 ann a. Jute, sugarcane, and bhadon are being sown. In Tunkurgaon rain wanted, otherwise prospects good. Price of rice at Sudder and Tunkurgaon 18 seers for ruppe.  Centher—very hot and dry during early part of week; since then cooler, Sowing of alterops, which was retarded owing to absence of rain, will now be taken in hand extensively in the Sudder aubdivision. Rain much wanted classifier.  aily storms of wind and rain cooling the air and laving the dust. Pain has been general, and has a most beneficial effect on cultivation. Fields are now being ploughed for late rice, which, with jute, is being sown over large areas. Latest report from the south of district, however, shows that more rain in still needful there.  Centher—season-life. A storm on Thursday (17th) night. Aus rice and jute are being sown, and have germinated in some places. There are no standing crops. Cheesa has been respect, with an outturn of 16 annas. Common rice
RAJOHANTE DIVE.	8 9 10 11 11 18	Khoolna Begirhat  Jessore Narail  Moorshedabad  Dinagapur  Rajahahye  Rungpur  Nilphamari	, 19, '90 , 19, '90 , 19, '90 , 19, '90	0-89 W 0-17 1-60 W 1-00 W Nil W 1-57 W 2-06 W 1-20 Di 0-16	Seather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rain has fallen in the Sudder and Bagirhat aubdivisions, but more is wanted.  Veather—hot and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Feather—normal with dust storms. Lands are being prepared for one rice.  Veather—fairly cool with occasional showers. Sugarcane pressing completed continuous estimated at 12 and a. Jute, sugarcane, and bhados are being count. In Tunkurgaon in wanted, otherwise prospects good. Frice of rice at Sudder and Tinkurgaon is seers for ruppe.  Veather—very hot and dry during early part of week; since then couler sowing of all crops, which was retarded owing to absonce of rain, will now be taken in hand extensively in the Sudder subdivision. Rain much wanted elsewhere.  ally storms of wind and rain cooling the air and laving the dust. Pain has been general, and has had a most beneficial effect on cultivation. Fields are now helug ploughed for late rice, which, with jute, is being sown over large areas. Latest report from the south of district, however, shows that more tain is still needful there.  Cather—someon-the. A storm on Thursday (17th) night. Ame rice and jute are being sown, and have germinated in some places. There are no standing
RAJOHANYE DIVY.	8 9 10 11 12 13 18 18 14 14 15	Khoolna Begirhat Jessore Narail Moorshedabad Dinagapur Rajshahye Rungpur Nilphamari	, 19, '90 , 19, '90 , 19, '90 , 19, '90	0-69 W 0-17 1-60 W 1-00 W 1-57 W 2-06 W 1-20 D 0-16 W	Seather—hot in beginning of week, stormy during last two nights. Bore harvest going on with good outturn. Some rain has fallen in the Sudder and Bagerhat aubdivisions, but more is wanted.  Seather—hot and occasionally cloudy with strong wind. Rainfall of the 17th and 18th has been beneficial to the ploughing and sowing of early rice and jute. No crops on the field.  Seather—fairly cool with occasional showers. Sugarcane pressing completed; outturn estimated at 12 ann a. Jute, sugarcane, and bhados are being count. In Tuskurgaon his seems per rupse.  Seather—very hot and dry during early part of week; since then couler sowing of all crops, which was retarded owing to absonce of rain, will now be taken in hand extensively in the Sudder subdivision. Rain much wanted classifier.  An in the season of wind and rain cooling the air and lasing the dust. Pain has been general, and has had a most beneficial effect on cultivation. Fields are now being ploughed for late rice, which, with jute, is being sown over large areas. Latest report from the south of district, however, shows that more rain is still needful there.  Seather—season-the. A storm on Thursday (17th) night. Aus rice and jute are being a wen, and have germinated in some places. There are no standing crops. Cheesa has been reaped, with an outturn of 16 annas. Common rice is selling at 18 seers per rupse.

,, 19, '90

Southal Pergha.

0.20

Weather—hot and oppressive till yesterday (18th), when there was fairly heavy rain. Mohas crop reported to be poor. Sugarcano planting complets in Godda. Rain much wanted in Dooghur. Prices rising at Pakour.

	No		and date of	Rainfall at Sudden Station in tuches.	Character of the weather and state and prospects
01	K189	ia.			
	18	BCuttack	April 19, '90	Nil	Weather-mild. The sky gets overclouded every evening, but no rain has fallen yet. Dalus vice doing well. Ploughing operations continue. Prospects generally good.
A Dr	21	Pooree	+11		Report not rec-ived.
ORISSA DIVE	1				
	40	Balacore	,, 19, '90	0.88	Weather—cooler than usual. Rain much wanted in the Bhuddruck enhalvision.  The search has been favourable for cultivation in the Sudder. Rather more than 200 coolies employed on Talpoda rainf works.
CH	ATO	NAGPORE.			
	Sou	th-West Fronti	ior Agency.		
1	41	Hassribagh	April 19, '90	NH	Weather—seasonable. Mokes still dropping; outturn poor in parts of the Giridi subdivision. Mango prespects less promising.
Drvs.	42	Lobardugga	,, 19, '90	Nil v	Weather mesonable. Beaping of rubbi crop completed. Prices steady.
220					
CROTA MASPORE DIVE	43	Singbhoom	., 19, '90	2012	Weather—hot and muggy. Clouds come up almost dally, but pass off without rain. Cotton promises to yield a full crop in Dhalbhum. Sugarcane is being planted there. Mohus crop promises to be a 16-anna one except in Haharagora outpost, where some damage has been done to it. Prices cary.
-	64	Manbhoom	,, 19, 90	Na v	Venther—hot and cloudy. No crope on the ground except sugarcane.  Ploughing not yet begun, there having been no showers yet.
					,

Published for g eneral information.

CALCUTTA; BEVERUE DEPT., The 22nd April, 1890. P. NOLAN,
Secy. to the Goot. of Bengal.

PRICES-CURRENT (RETAIL) OF FOOD-GRAINS. FIREWOOD AND SALT IN THE HEAD-QUARTER STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TE APRIL 1890.

#### PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

		-		WHI	MS.				BARLE	r.		R	09, 1	int	BORT		1	RICH	, 00	hene	OH.			n on O	
to desirant.	DISTRICTS.		Present return	Next preceding	retura.	Corresponding return	or that year.	Present reform.	Next preceding return.		of last year.	Present return.	The state of the s	return.	Corresponding return	of last year.		Present return.	North preceding	Ę	Cherrenconding return		Present return,	Next preceding return.	Corresponding return of last year.
	BENGAL																								
-	Fastern Districts.	8.	Ch	В.	Ca.	8.	Сь.	18, CI	s.jts. Ob	. 18. 0	7b.  8	Ct	. 8.	Ch.	18	Ch.	8.	Ch.	8.	Ch.	8.	Ch.	u. Ch	. 8. Ob	8. CI
	Bardwan -	10	8	14	0	14	8			***	3	3 8	13	8	18	14	16	14	16	14	16	2	***		***
	Benkoora	18	0	35	0	15	0	18 (	17 0	90	0 1	7 8	17	8	16	0	90	0	20	0	18	0	000	9 866	
	Beerbhoom	16	8	16	8	15	0	400			1	8 8	13	8	18	8	16	8	18	0	16	8	ndo	900	100
	Midnapore	14	0	13	0	10	0	17 8	15 0	ngah	. 1	4 0	15	0	16	0	17	8	18	12	18	0	***	44-1	200
	Houghly	18	0	13	0	18	0	144		100		8 0	8	0	10	0	14	0	14	0	18	0	801	861	p00
	Howrah		6400	1 .								1 8	NI NI	8	11	0	15	8	16	0	14	8		800	
	Custral Districts.																								1
	Calcutta	11	5	13	6	18	3	17	16 3	18	12	8 19	9	0	9	9	18	9	13	15	14	4	20 0	20 4	17 1
	24-Pergunnabs	10	8	13	12	13	8	90	16	20	0	8 (	8	0	8	0	15	8	16	0	18	8	***	***	
	Nuddes	n	5 0	15	0	16	0	19	20 (	22	13	12 (	19	5	13	51	12	10	12	10	16	8	***		***
	Kbooks		004			**	a			-		18	1.5	8	18	4	14	8	14	0	14	0	000	•••	-
)	Jessore	1	8 (	13	0	11	0	001	***			10	8	0	11	0	16	8	15	0	15	0	000	10.	
)	Moorahedabad	3	8 0	16	0	16	0	001	100	-	-	10	11	0	13	0	15	0	16	0	14	8	***	***	-
	Dinagepore .	11	0 4	19	4	13	0		000	13	0	13 2	18	8	1.5	8	18	0	18	0	19	4	001	101	-00
	Bajshahye	1	8 8	16	8	16	8	24	0 26	30	0	12 1	18	8	12	12	14	4	15	19	14	4	***	****	400
)-	Rungpore -	12	5	13	5	14	8					9 ;	9	6	10	8	13	6	14	8	16	0	000	***	
	Bogra	12	8	12	•	17	10		000		. 1	12 (	19	0	18	14	16	8	16	8	18	12	000	-40	-
	Pubne	18	3 0	17	4	18	0	***	491	-		6 1	0	12	7	13	15	0	15	0	17	4	rès	101	100
	Darjeeling	8	0	10	0	6	0	10	9 0	10	0	6 (	6	0	6	0	13	0	18	0	18	0	194	***	.00
	Julpigoree	18	0	18	0	9	0	10	16 (	16	0	8 (	8	0	8	0	16	0	16	0	16	0	104	101	
1	lastern Districts.																								
	Decca	1 11	0	18	0	16	8	16	0 10	0 96	0	14 (	110	0	14	4	15	0	15	0	110	0	100	100	
	Furredpore	10	0	14	0	90	0	20	0 20	26	0	9 (	10	0	10	0	18	0	15	0	16	0	100	-	-
	Backergunge		***			*	4			-	.	18 8	12	8	10	8	16	0	14	0	12	0	000	-	
	Mymondagh	11	8	11	4	10	0	100			. 1	10 (	10	0	18	0	18	8	18	0	17	0	100	100	-

A is subdivisions retail price of salt per rupes are:—Culma 10 seers, Cutwa 10 seers o unisomes, and

At Rampere Hat retail price of salt per rupes are:—Contai 9 seers, Tumlook 8 seers, and Ghattal 10 seers.

B1 In subdivisions retail prices of salt per rupes are:—Contai 9 seers, Tumlook 8 seers, and Ghattal 10 seers.

C1 In subdivisions retail prices of salt per rupes are:—Barners 10 seers, Hasiriat 9 seers, Diamond Harbour (at Magrahat)

10 seers, Dum-Dum 10 seers, and itserseckpore 9 seers 2 chittacks.

D is subdivisions retail prices of salt per rupes are:—Koushtes 10 seers, Meherpore 10 seers, Choosdangs 9 seers, and

Ramaghat 9 seers, Choosdangs 9 seers, and

Ramaghat 9 seers, Choosdangs 9 seers, and

Ramaghat 9 seers, Choosdangs 9 seers, and

Ramaghat 9 seers, Choosdangs 9 seers, and

Ramaghat 9 seers, Choosdangs 9 seers, and

The subdivisions retail prices of salt 9 seers 13 shittacks per rupes.

T be subdivisions retail prices of salt per rupes are:—Jhenrich 9 seers, Magura 9] seers, Narail 9] seers, and Bongong 10 seers

The subdivisions retail prices of salt per rupes are: Lathagh 10 seers, Jaugipure 10 seers, and Kamil 11 segra.

#### Head-quarter Station Bazars of the Districts of Bengal on the 15th April 1890.

-																					HOER	M		IN	D				
	DIAN-OG MAIZ Zon Mo	B.		(	CAD	MAR	THI PRI			Fina	rwoe	D.			8	laz/I	t.					1	SAL	æ.					
Present rotura.	Nort preceding	Corresponding return		Present roture.	1	retura.	Consumeration	of last year.		Nost Total	E	da.	of last year.	Present rotura.	No.	return.		of last year.		Present retru-			Next preceding	return,		Curresponding return	of last year.		districts.
	48 A	167	40	rtia.		CH	ded	e 50.	10	05.40	-	las 4	~1	fon en															BRNGAL. Western Districts.
	18. Ch			0	20			0		0 100					L										I				Burdwan,
30 0	85 0	21 8	20		20				980					10 0						18					-			1	Bankoera.
			19		12				160					10 B				12		1 14						6 (			Beerbhoom.
			15		14		14	0	160					B1		8				14									Midnapore
		100	11		111		18	0	120			120		9 C	9	0	9			11						11			Houghly.
000	***	100	13	4	18	4	13	4	100	0 100	0	100	0	10 0	10					12								1	Howrah,
																													Contral Districts.
0	118 4		16	18	116	14	17	7	100	01100	0	96	0		10		10		8	9		8	10	2	8	9	6		Calcutta,
		444	18	0	18	0	16	0	100	0 100	0 1	00	0		10	4	10	4		9	0	8	9	0	3	10	0	2	24-Pergunnahe.
	100	004	17	12	17	12	19	0	***	**		***		9 13 D	9	13	9	2	3	18	0	8	18	0	3	14	0	1	Nuddes.
001		.,.		-60		••			160	6 160	0	60	0	8 0	9	0	9	0	4	8	0	4	4	0	4	0	0	1	Khoolna.
	100	<b>198</b>	18	0	16	0	22	0	160	0 160	0	60	0	9 2	9	2	9	2	4	0	0	4	0	0	6	0	0		Jessore.
***	001	***	18	0	18	0	20	0	200	0 200	0 9	100	0		10	12	10	0	3	12	0	8	12	0	6	0	0	1	Moorshedabad.
061	()	60	15	8	15	8	11	0	180	0 160	0 1	60	0	9 8	9	8	9	8	4	0	0	4	0	0	3	15	0	1	Dinagepore.
891	***	864	17	5	20	12	28	8	240	0 240	0 1	40	0	9 0	9	0	9	9	4	2	8	4	2	8	4	0	0	E	Rajebahye.
***	*44	***	9	7	10	5	13	0	100	0 100	01	20	0	8 14	8	14	9	6	4	8	0	4	8	0	4	4	0	-	lungpore.
894	***	6-0-0			0.0	9.0	10		90	0 90	0	96	0	-	9	0	8	18	4	4	0	4	4	0	4	4	0	B	iogra.
0.6>	400	840	18	12	19	0	90	10	200	0 200	0 4	00	0	8 11 <u>1</u>	9	71	9	24		0	0	3 1	15	0	4	0	0	P	ubas.
18 0	14 0	20 0	6	0	8	0	**		120	0 190	0 1	20	0	7 0	7	0	7	0	5	U	0	5	0	0	5	0	0	D	arjesting.

Rastern Districts

1 *** 1 ***	14 0 14 0 16 0	160 0 160 0 190	0 0 9 8 9 8	3 10 0 4 2	0 4 2 0 8 14 0	Daoca.
15 0 16 0	11 0 11 0 14 0	120 0 120 0 120	0 0 8 8 8 8	10 0 4 19	0 4 8 0 3 14 0	Furreedpore.
000 000 000	Khesari huskori. 11 4   11 4   18 0	120 0 120 0 120	0 0 10 0 10 0	10 0 4 0 0	0 4 0 0 4 0 0	Backergunge.
100 000 110	10 0 10 0 16 0	*40 00-	. P 8 9 4	10 0 4 8 0	4 8 0 4 0 0	Mymensingh.

H At Timkurgaon rotal price of sait 5 soors per rupes. Nattore 9 soors and Nowgong 9 soors 9 chittacks.

In subdivisions rotall prices of saft per rupee are :- Nilphamari 9 scors and Gaibanda 8 scors.

K At Serngunge retail price of salt 94 seem per rupee.

At Siliguri wholesale price of salt its. e-a per maund.

M. In the Alicera subdivision (at Fallacutta) retail price of salt 8 seers per rupes.

M In the Alipore autolivisions ratail prices of salt per rupce are:—Manickgunge 8 seers, Moonsheegunge 8 seers 14 chittacks, and Narain-

gunge 10 sonra,

O In subdivisions rotali prices of sait per rupes and Netrokona subdivisions retail price of sait 8 score per rupes.

# PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the Head-quarter

										_						_				_			- Qu	AR	122	115	e r	err	RUPE	
				,	Wes	AT.		1		B	413	II.		1	R	ob,	220	T GC	ORT.			Ric	W, (	2030	MOI	ſ.			or Cr	
	DISTRICT	3.	Present return.		Next preceding	- Property	Corresponding return		Present roturn.		Mext preceding	return.	Corresponding return	of last year.	Desampt retain.		Next preceding	return.	Corresponding return	of last year.		Proposit reverse.	Nort preceding	return.	Cheremonding return		Present return.		Next preceding	Corresponding return of last year.
	stern Districts	-00		led. Ch-	8.	Ch.	8.	Ch.	8, 1	Dl=.	8. (	76-	6. 0	ן מני	8.	Ob.	4.	01.	8.	Ch.	8.	Ch.	8.	Ch.	8.	OЪ.	8. 0	Th.	8. Ch.	8, Cb.
	Chittagong	200	11	0	11	0	11	0					00	10	12	8	12	0	11	8	16	0	16	8	18	9	001		484	0004
	Neakhelly	•••	-	10	84		ĝa:			pe			94		14	0	14	0	18	0	15	0	15	0	14	0	101		***	190
	Tipperah		14	93	14	9\$	12	8		0+	1	ы	64	0 +	10	0	10	0	15	8	18	5	14	9	18	0	100		+44	100
	Chittegong I Tracts. Hill Tippers			0			6			100		00			12	7	12	7	13		13		18		18	8	***		100	100
	BEHAR.				D																									
	Patna	904	1 17			ed. 12   ite.	000		25	0	94	0	25	0	10	8	10	8	10	0	17	8	18	2	14	5	19	0	21 0	92 0
	Gyn	001	115	8	16	4	15 16	8	26	0	24	0	25	0	11	8	13	8	9	4	16	0	17	0	14	0		4	900	000
	Shahabad	091	18	5 0	15	0	16	8	22	0	23	0	28	0	8	0	9	0	9	0	15	0	16	0	15	0	20	0	22 0	20 0
	Durbhungs	(61	16	8	12	0	18	11	28	0	19	12	18	4	11	0	11	0	9	9	16	8	18	0	14	18	-		***	18 4
	Mossifierpor	•	16	3 0	14	0	14	0	24	0	20	0	25	0	9	0	11	0	10	0	16	0	17	0	12	8	100	4	000	
	Sarun	40+	u	5 4	12	0	17	0	21	8	22	0	21	0	8	8	8	8	8	4	15	6	16	2	12	0		•	90+	
	Chumparun			POO		-				00-				-ga		0.0				100		00		10.0			-	-	***	100
1	Monghyr	444	13	7 13	17	11	18	14	28	1	23	1	24	6			17 d.	- 2	12	10		Ol	à.	14	18	12	**	•	***	
	Bhagulpore	1 0-9	17	11	12	11	16	11	23	5	22	11	21		18	Ne 14	W.	14	12			10 N 11	ow.	11)	14	8		. 0	-	****
	Purposh		16	0	14	0	16	0		04		6+	26	0	17	0	18	0	13	0	19	0	19	0	16	0		19	091	
	Maldah	***	18	0	20	0	17	0		**	-		0.1	в	8	0	10	0	10	0	16	0	17	0	15	0		10	464	-
-	Southal Peri	gha.	18	0	13	0	18	0			1	tre .		04	13	0	13	0	14	0	16	0	17	0	16	0		10	-00	100
1	Outtack	101	14	7	18	2	14	7	"	40	"	-	01	10	10	8	10	8	10	8	18	01	18	6	15	12	"	10	-00	100
	Pourse	100	11	18	10	8	11	18		н	00	4	84		14	7	15	12	11	18	21	0	22	10	15	12		10	-49	400
	Balascre	***	1.5		15	0	15	0	18	0	18	0	18	0	18	0	18	0	12	0	20	0	21	0	18	0			-64	100
	CHOTA N.																													
,	path-West Pro Hasaribagh			0	12	0	1.4	0	.19	Δ	13	0	17	0	10	0	.10	n.	. 0	0	.17	0	:16		126					
	Anna tong a	004	(	9		aite.	3.48	0	10	U	1.0	0	29	0	10	9	10	9	0	0	17	did	d1			0	,	••	000	
	Loberdugga	001	{ "	0 1		0 d.	13	0)			24		П	0	14	8	16	0	13	0	16	Co				0	11 .	44	100	100
	Singbhoom	-00	10	0	10	0	14	Ü			10								14				190	0	22	0	1.		100	
Ì	Manbhoom	000	13	5	14	0	14	0	30	0	95	0	20	0	14	8	12	0	18	0	22	0	22	0	19	0		0 >	111	4.00

<sup>•</sup> Return not received.

• Price of common rice at Jajpore 22 seem 5 chittacks and at Kandrapara 28 seem 10 chittacks per rupes.

At Con's Bazar rotal price of sait 8 seems per rupes.

At Yenry Hat retail price of sait 8 seems per rupes.

In subdivisions retail prices of sait per rupes are:—Sameram 10 seems, Bhabuah 82 seems, and Buxar 102 s At Bazarstpore retail price of sait 1 seems per rupes.

#### PRICES PER MAUND

JOWAR O			Bajna (Pann	op Cr feetum ( doum.)	nphoi-
Present reture.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
H.A.P.	L A. P.	R. A.P.	R.A.P.	R.A.F.	R.A.P.
1 12 0 1	11 11	21 4	2 4 4	2 4 0	3 0 0
0,1	***				
	***			***	***
041		101		A 0 V	44.6
	***	4++	-1		
2 0 0 1	14 6	1 19 0	2 10 0	2 10 0	
		001		•••	401
	**				***
19		-	-	001	010
		-		8	68a

#### BEERS OF 80 TOLAHB.

(Pour	a on Co igatum idoum.)		MARUA OB RAGE.						
Present return.	Nort preceding re-	Corresponding re-	Present return.	Next preceding re-	Ocresponding re-				

16	Ch.	B. Oh.	s. ca.	a. ca. i	R. Ch.	8. Ca.
			***	***		000
	-00	***	800	•••		otto
	***		***	***	444	
	-01	##4	101		420	٠
		181	000		-	***
j		po-s		400	-00	-90

16 0	16 0	12 6		-	100
	100	***		-	
104	*,,	***			-
***		200	000	101	
200		049	100	-41	101
		000	- man		-
		141	107		
.00	**	100	***	***	100
	***	4+1		-	
	ode	****	-0+	600	-
		960	100		
001	000	884	18 0	18 0	1
***	101	400	***	***	-00

*	***	664	901	600	001
eg.		989	***	***	
104	100	000	un	000	-
10-	100	-		204	-

000			115	12	15	12	21	•
-01	000	004	14	7	14	7	16	18
	101		14	9	14	0	13	•
000	***	564	17	0	18	0	115	•
	000		15	8	16	0	13	0
000,	081		10	0	10	0	12	
	141		18	0	P	0	15	

KANGHI OR KARUR, ITALIAN MILLET, (Setario italica.) (Cicor ariotimum.)

Corresponding for turn of last year.

S. Ch. S Ch. S. Ch. S. Ch. S. Ch. S. Ch.

20 0 122 0 15 8 124 0 124 8 25 0

16 0 12 0 21 8 22 4

15 0 15 0 12 8 20 0

8 8

14 0

preceding

12 4 12 0 11 0

13 5 14 94 16 0

12 0 12 0 10 0

00 0 23 0 22 1

25 14 25 12 24 6

20 0 16 0 16 0

17 0 17 0 18 8

È

(Poun	a or C instum essum,)	umbu. typito-	MAR (Eloua	UA OR ine Car	RAGE.
Present return.	Next preceding re-	Corresponding re-	Present return.	Nort preceding re-	Corresponding re-
3. Cb.	S Ch.	s. Ch.	S. Ch.	8. Ch.	S. Ch
		104	**		
. (					.40
			1 +44	21.4	
-41			* <b>0</b> *		
15 0	i15 O		30 0	30 0	
004	:	•••			
			***	1	1
22 0	1		24 0	26 7	20 2
	1		444		
			1		1

	"		-		1
		~ 0		31.4	
	, .	9			
	· · \		4 <b>0</b> 6		***
15 0	115 0	***	80 0	<b>30</b> 0	
004		***			
			***	144	1
22 0	1	000	24 0	26 7	20 3
1	1		1		
			22 0		i
0.9			22 0	22 0	20 0
1		-04			
1		•••	54+		
ì	4	edir.			
50.4			,.	P-0-4	**
1 15	1	4.0 -			+ 0 0
1		-01			
	· ··· ·				194
		***	*4		
0+	;	***	> 0.0		**
1 011			25 U		21 0

			28 U	30 0	21 0
ł "	,		No nale.	, <b>6</b> 0 u	26 0
10	P00		1 ***		***
	ada .	900		00*	600

OF 40 SEERS.

MARU Elevei	A OR	RAGI.	ITA	ARUN, Lur. lios.)	
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. s. P.	R. A.P.	R. A.	P. R. A.P.	R. A.P.
141		] 00	3 5	73 0 0	1 18 %
	e0 +	804	5.9.4		
,,,			200	**	***
4++			164	***	-
		**.	+84	100	b++
1 5 0	150		1 15	61 12 6	2 8 0
					-00 -0
					-00
81	.g.			-04	+04

8684

### Station Bazars of the Districts of Bengal on the 15th April 1890 - (concluded).

de un minde																RM	SEE	ND				
	MATZI Zon Ma	K.	Cat	AR OR I	'RA.		Pinew	700 <b>D</b> .		8	ALT						BALT	P.*				tod
Present return.	Next preceding return.	Corresponding return of fast year.	Present reture,	Nont preceding roturn.	Corresponding returns of last your.	Present reture.	Nort preceding	Corresponding return		Freent return.	Next preceding return.	(Version of the	of last year.		Present return.		Next proceding	Locard		Cornesponding return	or state a cost.	DISTRICTS.
s, Ch	8. Uk	d. Oh.	, Ch	4. Ch.	18. Ch.	<b>9.</b> C	h.a. C	h.   8. C	n. <sub>1</sub> 8. ·	Oh. [8	. Ch	. 8.	Ch.	Re.	Α.	r ·R	e A.	P-	Kas He.	ter:	n Z	Districts—concluded.
			·		**.	110	0 110	0 108	0 10	Q	9 0	9	0	8	12	0 4	0	0	4	0	U	Chittagong.
***			8 0	8 0	8 0		***	104	9	R	9 0	9	0	6	0	0	0	0	6	0	0	Noakholly.
		**	8 6	8 69	8 0	820	0 320	0 320	8 8	0	9 8 8	8	0 0	4	8 6	0 0	8	0	4 4	6 8 6	0	Practs,
																						BERAR.
22 0	24 0	19 0	21 0	22 0	23 0	130	0,180	0 130	0.10	0 1	0 0	10	0	8 1	15	6 8	14	0	8	12	0	Patna.
100	***			21 0	21 0	160	0 163	0 200	0 9	2	2	9	2	4	8	0 4	2	0	4	2	0	Oya.
	4 2 -							0 160	1				0				15					Shahabad.
22 0	24 0	0 0	22 0	18 0	21 2	160	0 169	0 160	0 11	0 10	0	11	6	3 1	0	2 3	14	0	3 1	. 4	5	Durbhunga.
20 0	20 0	18 0	10 0	18 0	25 0	160	0 160	0 160	0 10	0 10	0	10	0	8 1	2	0 3	12	0	3 1	2	0	Mozufforpore.
20 3	22 0	20 0	20 6	20 8	22 8	160	0 160	0 160	0 0	8 1	8	10	0	4	1	0 4	1	0	3 1	5	0	Safan.
		*		***	***	***				1			**	•	104	1	800					Chumparur.
21 0	21 0	19 14	23 1	23 1	19 14	147	0 147	0 146			9 7	9	8	3 1	14	0 4	2	0	4	0	0	Monghyr,
22 11	22 11	17 10	21 7					12 176	1	V	0 1	10	1	3 1	15	6 4	0	0	4	0	0	Bhagulpore.
2 25	***		16 0	16 0	16 0	130	0 130	0 200	0 8	0	9 0		0		8	0 4		0				Purneah.
	• • •	461		140	000			u 160			9 8		8									Maldah.
24 0	24 0	18 0	20 0	20 0	i <b>22</b> υ	1900	0 100	0,300	0 9	0 '	0	1 9	0	4	0	Or 4	0	0'	4	3	0	Sonthal Perghs. ORISSA.
-40			19 11	18 0	18 6	80	0 80	6 80	0 11	0 1	1 0	8	0	8 1	12	0 3	12	0	4	7	0	Cuttack.
	***		15 12	14 .7	13 2			0 80	1			1.		3							0	Pooree.
				***	- 100	130	u 160	U160	L 10	o la	0 0	9	0	3 7	14	0 3	14	0			1	Balasore.
																		S				A NAGPORE.  Brontier Agency
22 0	22 0	16 0	21 0 Lat		18 0	320	0.390	0 320 0	8	0   8	0	8-	0	4 1	4 (	4	4	0	1 8	), (	E	dannibagi.
34 0	80 0	1 31	15 0 1 28 0	17 0 all.	16,0	12)	120	140	0 8 1	12 9	0	8	8	4 4	8 !	1	7	0	1 9	) (	3 1	Lohardugga.
12 0	16 0	22 0		9	16 0		0 240		0 9 0 9		8	7 8					12					Singbhoom. Tanbhoom.
29 0	211 0	30 0	21 0	-	17 0	.00	0,200	7	L	1.	_	L	0011						_		I	

Published for general information.

retail prices of salt per rupes are:—Happers 01 soors and Sitamerhi 10 soors.
retail prices of salt per rupes are:—Beguserai 91 soors and Jamus 9 soors.
retail prices of salt per rupes are:—Kishengunge 6 soors and Arrareah (at Ranigunge) 10 soors,
retail price of salt 9 soors per rupes.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

		-	andr ribra																						_			h-										
						W	HL	AT.							Bal	LE	Y,		٠				Rio	k, MI	ist	son'	r.					R	ICE,	00	имс	)N.		
Namber.	MARTS.		D	Freshit return.			Next preceding return.			Corresponding return	of last year.		Present return.			Next preceding return.			Corresponding return			Present return.			Next preceding return.		2	of last year.			Present return.			Next preceding return.			Corresponding return	of twe year.
	-	1	R.	<b>A</b> -	<b>P</b> .	B	L. A	. p.	R		. <b>P</b> .		t. a	. P.	1	. A	. P.	R	. 4	P.	R.	4.	P.	R	- Δ,	P.	R.	<b>A.</b>	P	8.	4.	P.	R	. Δ.	p.		8. A	in 19
1	Calcutta	:	2 1	1	Đ	2	11	10	2	12	5	2	. 6	5	2	3	7	2	14	0	4	4	0	4	8	б	8	14	8	2	11	0	2	9	9	2	8 1	3 (
2	Serajgungo		2	8	0	2	7	0	2	8	0		000			100			***		4	14	0	4	10	0	8	10	0	3	1	0	2	1,4	0	2	8 8	8 0
8	Dacca		3	0	0	3	0	0	2	8	0	2	7	0	2	7	0	1	8	0	2	13	0	2	13	0	2	12	0	2	10	0	2	10	0	2	. 8	8 (
6	Namingung		0 1	0.0			***						400			***			900		3	0	0	3	0	0	2	8	0	2	12	0	2	12	0	1	1	5 (
5	Chittagong .		3 :	8	0	3 ted.	8	0	3	9	0		000								8	0	0	3	4	0	3	6	0	2	8	0	2	7	7	2	15	5 (
8	Patna	. 8			8 W	2 hit	5 a. 12	9	2	10	0	}1	9	3	1	10	0	1	9	0	8	12	0	8	12	0	8	12	0	2	4	0	2	3	0	2	2 15	3 (
7	Balasore	. 2	1	3	0	2	8	0-	2	8	0	8	0	0	8	0	0	8	0	0	3	0	0	8	0	0	3	4	0	1	14	0	1	11	0	1	14	6 0
8	Pogree		0-0-1	•			ada			цфи			000			00+			ada			000			*00			000		1	14	0	1	11	0	8	2 4	6 (
9	Cuttack	2	10	)	0	3	0	0	2	10	0		-			-			800		8	10	0		10	0	8	10	0	2	2	0	2	2	0	2	5	5 6

CALCUTTA,
The 22nd April, 1890.

in the undermentioned Marts of Bengal on the 15th April 1890.

	KA	DA	I.A	BAT AY	on	31	'NA	GA			Iw				t on		1ZI				(	LIJ	AN In in	I'm	A.			Firewood.											SALT.										
	Present return.			To see house and the second	In earl processing recurs.			of last year.			Property vatues			North Presenting paters.			of last year.			Present return.			Next preceding return.		Carromandian	of last year.		Diameter	A resent return.			wart preceding return.		Corresponding returns	of last year.			Present return.			Next preceding return.		( ) separate transfer of the same season	of last year.		MARIS.			
R.	À.	r.	H	κ.	<b>A</b> .	9.	R	. ▲.	P.	R	l. 4	. 7	. 8	8. <i>a</i>	ie P	R	Α.	P.	R.	Α.	P.	R	.A.:	₽.	R.	٨.	P.	R.	A-1	-	ĸ.	<b>A.</b> 1	P.	ß.	A.		k.	۸.	r.	ß.	Δ.	P	R.	Δ.	₽,				
2	0	0	2	2	1	11	1	15	0	1	14	1 9	13	1	5 2		471		2	1	.5	2	1	8	2	1	0	0	5	6	0	5	6	0	5	10	3	9	5	3	10	2	8	9	6	Colcutta.			
2	9	0	2	2	4	0	2	7	0		**						***			000		*	hee			001			10-0			100				-	8	14	0	3	14	Ø	3	13	0	Serajgunge			
3	0	0	3	3	0	0	8	0	0		••			4 0			100		2	12	0	2	12	0	2	8	0	0	4	0	0	4	0	0	5	0	4	2	0	4	2	0	3	14	0	Daoca.			
00	12	í	0.0	3	0	0	8	0	0					***	4		+ 40		3	0	0	3	2	0	8	2	0	0	8	0	0	8	0	0	10	0	3	12	0	3	12	0	3	12	0	Naraingung			
3	2	0	2	3	4	0	8	8	0					***	•					000			000			000		0	6	0	0	6	0	0	8	0	3	12	0	4	0	0	4	0	0	Chittagong.			
1	10	3	1	1	9	6	1	11	3	1	11	2 (	) ]	1 1	) (	2	1	0	1	10	3	1	12	0	1	11	6	0	5	0	0	B	0	0	5	0	83	13	0	8	14	0	8	12	0	Patas.			
2	12	0	8	2 1	2	0	2	14	0		0.0			**			107						100			448		0	4	6	0	4	6	0	4	6	3	14	U	3	14	0	4	0	0	Raissore.			
	p04				•			<b>10</b> 1			-4	•		0-0			001			190			mips.			194			-0-0			0.0	1		<b>00</b> a		3	6	0	3	6	0	3	ь	G	Pooree.			
2	5	0	1	2	5	0	1	11	0		0.0	•		00		1	***		2	0	0	2	0	0	2	0	0	0	8	0	0	8	0	0	8	0	3	12	0	3	12	U	4	7	0	Cuttack.			

Published for general information.

P. NOLAN, Secy. to the Govt. of Bengal. The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interduring the month of January, 1890. 1 MPORTS INTO CALCUTTA.

			PO	OD-GRAI	ING.			Pinnovi	PRODUCTS	OIL	anros.				81	TOAR.	To	BAO
Whence upported.	Rice	res and	Total	Wheat		Other food-	Total.	Jute, rav	Gunny bags.	Linseed.	Mustard good.	Tra, Indus	Cotton, raw.	filk, raw.	Roffmed.	Unrefined.	Unmapufac-	Manuella
Burgal.	Mda.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	M ds.	Mds.	Mds.	Mds.	Mds.	Mdn.	Mdv.	Mds.	M
Burlana	1,31,111 1,79,18 2,50,07 70,22 4,20,08 8,42 20,69 6,64 1,07 4,07 1,40 9,40,54 1,17 1,17 1,17 1,17	8 \$.237 \$ 100 \$ 2 \ \text{(W12)} \\ \$ 2 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 3 \ \text{(W12)} \\ \$ 4 \ \text{(W12)} \\ \$ 5 \ \text{(W12)} \\ \$ 5 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 7 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 7 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 7 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 7 \ \text{(W12)} \\ \$ 6 \ \text{(W12)} \\ \$ 7 \	1,43,140 1,79,864 2,99,218 72,981 4,51,153 5,927 84,791 60,258 20,930 9,626 1,770 9,626 1,170 9,526 1,170 1,170 2,535 1,170 2,535 1,170 2,535 1,170 2,535 1,170 2,535 1,170 2,535 2,	80 60 255 250 7, 846 3, 623	045 2,172 4,211 6,812 04,146 036 4,303 800 1,240 2,036 4,327	83	1. \$5,916 1. 20,100 3,01 and 4. 55 will 77,03 36, 20; 55, 32; 57,02 2,102 2,102 2,102 16,135 16,146 1,075 18,450	18.5 % 16.5 % 2.60, %0 4.743 3.80,7% 80, 417 1.0 , 410 3.7-,743 8.10, 444 8.041 2.01, 62 1,420	16,720 9,145 1,030 374,149 307,112 3,010 105 114,345 4 10 4 20 4 20 4 20 4 20 4 20 4 20 4 20 4 2	886 1,051 1,783 6,763 225 1,363 797 1,938	201 807 203 4 543 243 243 498 2.016 225 7.643 7.843 7.843 2.87 872 873 873 873 873 873 873 873 873 873 873	2 S.5:1 11,5% 94	619 1,938 3 3 467 4 6 839	269 483 613 193 791 204 14	64 4.551 233 48	100 100 100 100 100 100 100 100 100 100	200 6,706 2,401 1,433 1,162 17,707 1,621 549	000 000 000 000 000 000 000 000 000 00
Southolly	25,018	-	24,07,915	12,5641	92,663	2,630	24,15,199	1,450	1,581,131	12,092	16,570	10,000	7,833	2,305	4,723	69,923	33,111	
BERAR. Patris tiya  Missis bad	1,140	******	1,150	1,500 4 545 4,9 7	22,645 18,217	917 16 4,210	26,924 4,545 17,170 4,2,0 3,370	0	1,040 290 210	16,470 2,618 400 16, 51	2,169 805 1,Np 5,531	1		5 6	18	4,380 18,611 12,833 (19	963	1.
I best business of the transporter of the transport	1,660 2,392 13,919 1,479 13,116		1,000 2,302 10,029 1,420 13,110	1,035 4,255 15 8.65 2 635 6 9-7 5,347	10,344 7,049 2 2,83 1,280 11,009	5,601 1,484	5,318 24,239 24,768 18,572 9,663 86,663	11/ ***********************************	2.65 4.5 1,580 525 9,203	2,834 11,020 11 1,690 1,620 163 2,500	2,007 1,010 1,040 8,040 2,955 7,00 30,1433	** ** ** ** ** ** ** ** ** ** ** ** **	101	16	900 - 690 -	865	763	\$400 000
Total of Behar	36,400		36,600	85,783	80,070	11,527	1,77,530	341,975	37 621	35,114	63,251	1	511	4.0	18	39,540	1,974	1
Onima.	210		210				210	3.610		h <sub>i</sub>	***		404	10000		140-10		
Balascre	75,844	2,819	77,490			110	77,716	14,515	8,535		347		******		*****	*****	811	
Total of Orum	76,034	2,510	77,816	- 120000		3 3 11	77,020	14,454	2 845		367					***	311	
CHOTA RAGPORE.	1		1	90 + +04	16		15		1,845 }		2,731	810		13	400100		•••	
Mant house	4,963	*****	4,261		14		4,283		1,873	1900 de	2,731	346		1.3	- marketa			-
sured Total of	8,43,433		24,25,386	63,314	1,72,567	14,607	26,75,323	19,57,502	1,000,461	67,810	R3,D0S	17,900	8,065	9,416	4,740	1,08,495		,
THER PROVINCES.	4,293	\$0	4,283	71,008	56,317	3,300	6,0510 74,521	83,016	16,5A5 ,	20,119	92 MG Sa, .73	1	6,163	043 6	63	8,806	100	-
Henrall en	3 2,691 26	10	12 2,401 26	9,000	1,858 1784 309 6,476 1,794 20	204 204	16,795 5,455 319 6,496 0,685 61	10.	20,200	1,252	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	183	18,761 7,818 14,004 6,203	30	12 Q519	10,454	137	
Franct Total 1890 83	3,00,000	1,00,070	24,32,618		2,39,372	21,835	28,40,693	29,10,623	1,640,176	89,630 2,06,970		.02,760		8.187	45,977	1,89,93H	85,520 12,619	3

The Sea-borne Trade of Calcutta in these Staples during the month of January, 1890, was as follows:-

CALCUITA-				İ						- 1		1		}			
I ladian ports,										-							
	3,99,127 1,224	30	3,22,146 1,284	6.83	652 \$1,015	208	3,92,708 23,966		923,400 461,600		8,877 640	809	507000	69	10	******	***
Madeas	4,773	3,760	1,84,066 4,773	6,207	15,685	1,676	1,65,605 27,494	268	190,550 2,639,047	*** ***	480004	86	147	17 26	350	105	10,54
Pandicherry	499	******	469	047 20	3,570	000 min	4,418 359 409	•g- 000	800,995 64,000	***	*****	******		******	1,897	7,810	2,71
otal of Inter- portal trade	6,10,340	3,774	6,12,600	5,610	43,680	2,974	5,64,968	258	4,614,082		4,026	014	147	100	1,032	7,350	13,2
Control Kinzalom Other Foreign	2,95,879	, ted	2,25,579	20,170	8,891	9,0100	2,64,345	9,46,063	786,600	85,663	29,450	1,11,738	18,680	275		21×181	***
ports	9,08,936	2,480	9,55,468	1,401	87,091	1,190	0,08,780	6,14,850	6,871,129	1,10,675	95	4,854	1,11,254	1,373	244	67	4
Tistat of Pareign	10,79,818	2,435	10,41,037	20,675	41, 86	1,199	11,55,092	15,59,413	7,657,7:9	1,60,138	32,5:6	1,10,549	1,20,910	1,663	248	67	6
termin Total 1860		6,200	15,00,736	36,191	66,9G b	6,175	17,19,086	18,00,070	12,270,671	1,05,188	36,061	1,17,200	1.27.003	1,768	1,580	7,387	13,7
in Jan , Casso	13,24,948	1 8,867	13,411,6000	34,000	11,10,782			18,94,976	p,186,875		1,082		BA, 429	1,170	2,050	807	20.3

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of January, 1890.

#### IMPORTS INTO CALCUTTA.

		Po	OD-GRAIN	D.		Pinnous P	Hoducia.	Ottat	ENDS.				Bu	GAR.	Ton	ACCO.
Specification or Routes.	Rice.	Paddy.	Wheat.	Gram and pulses.	Other ford-grains.	Jute,	Gunny- bags.	Linseod.	Mustard seed.	Tea, Indian.	Cotton,	Bilk,	Re- fined.	Un- ruined.	Cabinago-	Mann.
4	Mds.	Mda.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mdn.	Mds.	Mds.	Mds.	Mds.	Mds.
By country hoats giver steamors (East Indian	17,99,173 36,156 3,71,666	89,430 765 3,781	35,634 1,11,483	71,472 2,068 1,88,034	2,543 18,888	6,30,777 6,22,544 37,017	707,191 61,980	18,707 +15 74,216	18,454 20,059 93,558	82,767 1,380	8,097 6,153 1,62,099	376 226 1,490	626	33,907 3 40,468	47.6	1,480
Railway. Rastern Hougal	16,200	60		19,786	80	7,78,231	819,246	1,922	12,404	17,503	8,393	1,025	\$4 act	7,147	20,722	002000
POBLE AND THE PROPERTY OF	71,172 77,364	8,855 2,930		6,115 7,89%	324	1,12,800	27,900 24,660	100.40	186	1,25%	90 17,975	10	4,00% 61 173	27,563 10,554	6,900 2019	8A:
Grand Total of (1880	25,40,100	1,00,670	1,46,007	2,30,879	21,885	20,10,615	1,660,170	99,630	1,40,497	1,02,750	1,93,390	3,127	43,977	1,80,938	24,025	3,34
Imports in \ lass	25,16,864	1,90,890	96,866	9,18,167	11,206	14,30,548	1,711,132	8,08,770	65,086	64,349	1,40,441	1,57:	42,878	1,04,458	12,619	30,04

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Island from Calcutta during the month of January, 1890.

#### Exports FROM CALCUTTA.

		Ootton piec	e-goods.	Cotton 1	wist.		Comme		Cotton pie	oo-guode,	Cottos	n twist.		
Whither exper	ted.	Buropean.	Indian.	European.	Indian.	Salt.	Gunny-	Whither experted.	Buro- pensi.	Indian.	Buro- pean.	Indian	Sult.	Guny-bag
BREGAL.		Re.	Re.	Mds.	Mds.	Mds.	No.	CHOTA NACFORE. Hazaribagh Lohardugga Sanabhoom Maahhoom	84. 56,827 11,529 82,855	80. 	Mds. 8  2 31	Mda. 87 151 1,409	3,036 9,036	No. 4,725 1,016 12,775
Burdwan Beerbhoom	***	1,67,013	3,960	614 133	997 738	41.813 17 432	79,208 113,590	Total of Chota Nagpore	1,82,148		86	1,617	18,600	17,915
Midnapore Hoosely 14-Pergunnaha Nuddea Khulua	000 000 000 000	1,71,690 1,03,046 1,43,347 2,78,366 77,966	7,515 G,705	2,436 686 338 1,300 70	127	19,000 2,711 12,55% 18,825 6,602	10,000 25,160 37,579 40,566 240	Grand total of supplies into the Provinces under the Lieutemant-Governor of Bengai	60,71,408	30,964	12,006	26,003	5,97,80%	12,00,346
leasuro Mooraliodabad Dinagopore	041	74,948 51,043 1,20,543	800	967 A3 242	29	17. 142 10.433 6, 141	11,260 12,193 42,357	OTHER PROVINCES, Assess Nurth-Western Provinces	5,64,010	999044	705	663	67,548	6,100
kapimhys Rungpors Barra Puona	200 201 201	1,34,190 8,01,833 1,91,148 1,49,186	00.000 000.000 000.000	94 968 46 137	489 	14,422 12,944 8,195 36,496	29,270 6,560 63,410 8,830	Punjab	11,72,241 8,15,614 21,735 21,25;	32,010 770	3,460 901 102 169	921 34 7	<b>30,07</b> 6	215,000 347,410 108,929 1,015
Durye ling Julpigorus Duces Furrendpores	944 944 944	61,488 87,570 6,31,690 2,35,163	001000 00000x	104 1105 2,733 513	11	6,774 8,767 81,911 81,335	1,018 4,780 2,165	Nizate's Territory Bombay Madras	126 126 378 20,443	680	1:5	58 1,703	170100	923, 408 6N1,550
Hackerzenpu Mymenaugh Lipperah	110	1,43,484	******	3,086	170 caa 170 caa	33, 150 16, 778 6, 450	9,975 175	Burmah Other places	2,38,529 39,676	1,477	426 40	1,001	8	58,000 2,839,067 7,657,729
United and Nonkholty	900	90,540	174 084	******	*****	300 2,800	66,100	Grand Total of 1890 Exports in Jan. 1889	84,93,541 1,01,99,738	68,191 36,179	1A,686 83,588	27,113 12,365	6,85,191 6,82,464	13,830,028 10,521,438
Total of Bong	al	34,84,888	19,000	11,601	1,003	3,87,129	827,714	The Sea-borne Trade of 1860, was as follows:	Calcutta i	n these 8	taples d	uring ti	is menth	of January
BREAR.		2,00,341	560	166	283	22,642	98,980	IMPORTED INTO CALGUTTA-	Re."	Rs.	Mds.	Mds.	Mds.	No.
Sya Shahabad Mosufferpora Surbhunga		1,36,532 2,63,766 1,23,264 2,91,616	770 8,000 860	117 2 20 13	505 851 42 1,209	13,548 32,683 5,119 32,149	15,480 24,480 3,120 81,586	From Foreign Ports— United Kinedom Other Foreign ports	1,02,36,229 81,051	444144	6,487 7,153	000 100	2,65,368 4:04,507	1,800
arun humparum Unuchyr	004	1,00,648 8,81,960 71,560	1,390	38 40 3	165 56 899	9,688 14,785 13,347	1,718 10,570 8, 190		1,03,07,:80		13,760	100-014	7.17,875	1,600
thastipore turnesh	***	3,03,471 1,49,668	1,860	198	464	25,000 18,821 7,005	86, 465 20,245 3,400	Prom Indian Ports— Hombay Other ports in Bombay	18,088	1,653	7	8,065	8,275 29,014 1,200	20,760
onthal Pergunn		8,10,186	1,650	167	888	17,491	71,800	Other ports in Madras	6,900	1,488	8	138	6,020	*****
•	F 1	\$3,70,965	11,770	820	\$18,8	2,00,533	401,400	Other Indian ports	0,500	5,785.0	******	89	*****	2,000
Total of Bohn								Total of Interportal Trade	84,938	8,465	11	H, \$36	40,000	13,200
Total of Sobs ORISSA.			1					1		-				-
Total of Bohn	604 804 841	2,000 1,25,610	184	401400 211200 41200	7,121	19,072	25,750 3,750 262,825	Grand Total of Im- { 1800   1   1880   1	,03,32,238 ,42,61,964		13,782		7,88,384 7,06,208	94,060 9,610

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of January, 1890.

	Corron Pen	CR-GOODS.	Corror 1	WHER.	Salt,	Gunny-bacs.
SPECIFICATION OF ROUTES.	European.	Indian.	Buropean,	Indian.	***************************************	
	Ba,	Ra,	Mdn.	Mds.	Mds.	No.
country boats river steamers real { East indian Railway   Heatern Hungal State Bailway   Heat	1,49,680 6,57,411 43,37,048 36,88,755 1,84,383 6,83,204	7,315 50,160 6,706 2,011	8,498 1,700 6,497 6,796 619 627	9,67s 114 16,000	2,00,848 27,809 3,08,658 74,210 4,919 19,877	216,167 37,360 1,972,083 150,120 6,582 16,335,661
Orand Total of Exports in January {1890	84,93,3(1 1,01,99,788	66,391 86,178	16,006 33,583	27.116 12,36	6,95,121 6,52,454	17,808,018 10,821,68

STATISTICAL DEPARTMENT, The 19th January, 1890.

# SUPPLEMENT TO THE CALCUTTA GAZETTE, APRIL 28, 1890.

# Meteorological Report of the Province of Bengal

The state of the s								3	TATIO	ON OB	SRRV	ATIO	VB.			
		Alb	PRESST	RE.	W11	no.					Tau	PREAT	URB.			
District	Representative	Menn barometric beight, 6 A.M.	Mean resuced to	Variation from	Prevailing dree-	Mean wind to.	Highest during neek.		Date.	Low-or during week.		lade.	Mean maximum temperature.	Mean minimum temperatare of week.	Mean daily tem- perature of week.	Variation from normal mean of week,
Poorto	Puoree	29*707 29*774	5581800 534 7346	-1041	88 W	309 50714	8817 8617	17th	April	76:1	17th	April	9714 80 1	- 79'1 79 I	83°1	-0.6
1	Faine Point	ED-786	29'818	- '022	SW	46919	80.2	18th	4.9	77°h	17th	10	58 ú	79'0	83 8	0.9
'attack	tluttnek	29-731	29:612	012	sw	136.7	104'4	16th	**	77.3	1812	*1	1911	7816	9010	-0.6
Halmore	Визвесте	291734	99.793	→ '082	89W	27611	102.9	16th	14	7418	15th	& 17th April	17'0	76.3	66'P	+0*7
touth West Midnapore	Saugor Island	20'781	59 607	—·0#3	88 W	610.0	81.2	18th	1.0	81.0		April	90 6	8114	8610	+0.0
Hidnspore	Widnspore .	291654	29:784	'031	19	155-7	107:4	15tb	7.0	70 1	1	17th April	1000	7616	B0.8	+1'0
6-Pergunnaha )	Calcutta	20'765	SP-787	- *032	817	92910	101.4	15th		74.5	19th	asprii	93.1	77 2	861	С
locatily																
tardwan	Burdwas	291050	20-760	- 042	SSE	140%	106'2	1211	14	78°P	15121		104 6	77 3	80.0	+2:2
ankoora	Bankonra	2P1465	297743	- '041	8	100.0	110.1	1 88 h	**	29.6	loch	**	107%	77 b	98.7	+87
Perthrem	Hanneutter	291438	SP:771	1022	Southerly	97:7	10815		A feth	76 %	loth	**	107'4	7710	9915	+3'e
loorshedshad	berhampore	29.605	SF740	1966	8	172'5	10612	13th	19	72.5	19221		104'5	76.3	90.4	+ 3.2
indaen	Krishnathur, .	29.723	क्रा देश		BRE	213.0	103 H	1211.		7214	isth	*1	1007	76 6	2002	+ 612
nowage	Jeasore .	20:763	29 787	- 639	88	16816	10018	15th	84	6815	150h	10	16 ú	76 m	87-7	+0 9
choolna	Chilingons	20:784	191677	'011	SE	955-4	807	18th	to With	- 6910	suth 3	17th	BW/B	7314	81.2	0*3
Water and the same of the same	14emagel:						phierr	rations	April not re	osivad.		April				
	Barrisa	291648	29/820	-1015	8	200 9	11273	, 17th	April	6770	inth	,.	91.1	76 ±	83-6	+03
	Neakholly	197928	597675	+1988	8	210.0	20'0	181h		12013	178h		8911	747	81'0	-1'2
	Purrecipers	291764	201904	1034	8	2Wr0	93 3	Min	:	6.69	Inth		DO 9	76.3	9319	-17
	Dacos	20.783	551.911G	-1080	Southerly	304 %	95'1	14th		0019	inth		2001-15	78 4	83.2	+ 11
	Commillah	\$0.803	22/557	~ '016	26	SEA P	93'8	13th	*1	97:3	iith,	1=11.	(pot G	720	5217	U'3
	M) menungh	20*702	29 hll	-'010	ENE	1,44.2	9518	1000	41	66/1	16th	Agrici j	9117	721	81.0	-05
logra	Hogra	20700	59:771	1014	SE	1641	1051	13th	-61	05 7	Inth		100/3	761	87'8	+ 2 a
hippe	Sernjaunge	201700	29*746	- 031	S. SE	158.1	B7:0	148h	41	656163	anth		19813	7316	RUS	- 0.4)
injakuhye	Rampere Reau	300	25:700	— ugs	SSW, SE	1911	104/0	14th,	April	66 H	21/12		Ibu o	75.2	87'0	+176
inlock of	Maninh	20/02/7	201779	+ 10517	Southerly	4070	1163	12277	11	74 :	inth		10.0	75 71	06°37	+4:11
inneepore "	Dimmerpor *	59 659	9977	"(1)1	ENE	J.,4-10	104 0	16th	0.0	7911	i-th		100.1	To d	8713	+57
engpere	Runapore .	19/807	29*764		8 2 E	72%	1.02 5	18611	(1	6; 1	lath	**	w 20 Er	70%	n3 a	+ 818
och intar	Julpigurer	35.160.0	29 767	÷.116	1	1661	ND-5	15th	11	<b>61.9</b>	15th	,.	5017	70.7	H013	+010
49144 Electrical	Darwoling	227910	100	-	Easterly	278'0	4615	i 168in	e1	440	1000		uii i	45/19	5614	4-019
urneak daenru		gu Güv	20*786	(IZI)	ENE	120 3	103'e	18th		60.2	1 1 112	H	101 4	7117	654	
Chill Dividualibus	Purneal								a tpoots			"		467	03.0	+273
	Mosufferpore	201377	201745	- 1061	Variable :	166.7		, 14th		ingentron.			1:01H			
	Hotinari	29:314	29746	054	Variable	2351	10811	istn.		est b	izth	Anni	101.2	5	,	,
		20"330	20732	D4 F	Wester.y.	36.1	100 0	13111	186.1	7017	17th		102 0	60.7	95.46	+ 572
	Unipre .	20:412	291705	'0:7	SWW	101 0	] fau 14	2 5134	April	7415	15, 17	49	14H2 7	78'8	67.7	+31
hahabad	hair	.9 396 39 337	20-747 29-745	-1041	H.Z.H.	101 0	100 ×	[migs	., 1	75°a 70°4	inth	* *	104 .	70'5	SU H	+37
A. A.	- ya	251374	291748	— 10 Sh	W	1371	lun'o	14th		76 3	15th		\$100 to	791	grant .	+43
	Hankipore	201856	20-736	-1050	ENE	120 6	300 8	arth		70.		d Jary	1115 6	76'1	008	+3.3
outh Shaguipore)		89"571	207733	-1046	Calm A	76.0	100 0	1465		70.0	Lith				133	
anglyr 3	Bhagulpore	79°265	29 743		esateria   BE				- 1			**	1017	7.01h	95 1	+ 2'0
	lteeinin	27 776	29-781	- 1041	8W	10512	Ind at		**	73 %	lith	**	107.44	75'4"		+179
sardinem .	ituzuribagh		j			251 6	103.1		***	747	16111	+4	101 8	7011	88 7	+3%
att hoom	itanchoo	27 040	29.786	~ '033	BW	1819	101 3		April	71 4	Julli	6.0	10013	76.5	6716	+ 3.5
aghiron	Thyelmann	291000	29-789	-1032	WA	63'0	107 a	1sth		75.7	idt];					

\*\* Means of 6 days. | 2 Means of 6 days. | 2 Means of 6 days. | 2 Means of 6 days. | 2 Means of the reading during the same period for the passent; it is a timeschere is expressed at percentian manufactural methods for the first sense of average of the reading manufactural methods for the case of average of the read at the first selection of

# for the week ending Friday, the 18th of April 1890.

							DINTH	ALL UNE	BRVATIO		-					
City	smount week.	1 11						RAIS	IPALL.							
bumidity	d sm	of work	OFT	TREE.	Bino	e lat of mo	oth.	Sinc	e 15th May	1889.	number y days.	number days.	Representativ		Distrator.	
A Vorage at 5 A.M.	Average cloud at 8 4.2. for	Rainfall of observing a	Mean for district.	Normal mean.	Mean for dustrict.	Forma?	Variation.	Mean for district.	Mermal Bean.	Variation.	Average nu	Mormal an				
88	4'7 1'3 7'4	Nil 10:08 Nil	0.03	6,12	0.03	0'88	-0.86	77'61	87*88	+ 19:79	0.3	0.7	Gopulpore	}	Pooree	
53	4'9	NII	0106	0°84	0106	0.20	-0166	68:88	54'35	+16:01	0'4	0-7	Unttack	-41	Untinck	
6.4	019	1'01	0118	0139	0-16	0'82	-0.06	52'69	56.46	-3:77	0.3	0.0	Balasore		Balasore	-4
53	6'6	Nil	Nii	0'81	Nil	0.22	-0.99	89'97	68.90	6.90	0.0	0.7	Sanger Island	. 1	South-West Midn bouth 34-P. : gunn	apo
				0.94	019	0.63	-0.43	67-61	54'51	-7'20	0.0	0.6	Midnapore		Midnesses	INDP
78	1.0	Nu	Nil	0.00	0.10	0.00								(	24-Pergunnaha	
79	4:0	Nil	NII	01187	0.01	0.78	-0.71	84.70	55.18	-0*43	0.0	0.7	Calcutta	{	Hooghin	
Rr s	3-3	No	9163	0'50	0186	0.89	0'81	65108	50'04	-4*99	0.7	1.0	Bard wan	6-9-6	Burdwan	
61	019	Nil	Nii	0.10	Nil	0.44	-0164	36162	84'84	+ 2128	010	015	Bankoora		Bankoora	٠
	0.7	Nil	0*90	0'27	0:56	0.20	+ 0.00	53'71	53.78	-0'04	8'0	010	Reneegunge	{	Revehinan	
63						0.07	+0124	621.60	62763	-0.23	8'5	017		(	West Burdwan	
63	0.0	Nil	U:84	0.36	0.28	1.90	-0.92	02:75	\$3-25	-0.22	0.0	0*8	Krishnaghus		Moorehedabad Nuddea	-
73	8:7	Nii	U124	0'67				65 10	a7 88	-1.96		1*0			Jessore	0.7
51	477	0.88	0158	0.00	0.97	1134	-0:37				1.1		Jesuore	{	Khoulan	0.0
80	410	1.90	2107	01153	217	0194	+1'23	103.07	117:30	-18.63	3.0	1.0	Chittagong		Chittagong	**
				0 57	0.43	177	-1'36	70'33	87104	-10.71	1,0	110	Domagiri	10.0	Chittagons Hill T	Prac
61	316	0.24	0.88	0.24	1.00	1.18	0.1.2	79-91	81°40	-1'49	1'0	0.0	Barrisal	1	Backergunge	**
77	214	0153	0'87	0.92	0.50	1.20	-0.03	96165	113'83	+3'45	8.0	0'9	Noakholly	141	Noakbolly	9.4
84	6.1	0.42	0117	0105	0.03	\$146	-0.93	04:34	G1'09	+ 12.20	1'8	110	Furreedpois	***	Purreedpore	••
80	814	215	2.41	0.03	3106	1184	+ 1.55	60.84	65'70	-15'69	2'8	1'0	Dacca	٠	Dacca	**
76	516	1.38	1:75	0-6-6	5.00	2.18	+ 0.21	63.68	70 53	+21.6:	1.8	12	Commillah		Tipperah	01
63	710	5.43	3.31	0.72	2120	1140	+0180	67.48	59165	+7'78	1.0	0.9	Myromaingh		Mymensingh	10
715	610	1:47	0.08	0.18	1.04	0.24	+0'57	69:17	87.12	+3'05	Z:0	11	Bogen	- 11	Bogra	
5.0	514	0.72	0.00	0.46	2170	, 1 27	+ 2120	67:13	56109	+1'04	1:0	0.8	Serajgungo Rampore Beau		Pubna	ed
91	1.9	2 02	2 50	0.18	Nil	0°50	-0 40	2070	35 85	-15'95	0.0	0.2	Maldab	100 1	Rajebabye	40
78	21	Nil	Nil 0'10	0.10	0.28	0.43	+015	57:01	58-75	-0187	1'0	ura	Dinagepore		Dinagepore	84
76	6.9			0.41	1:38	1:02	+0136	b7 27	741-7-4	+10*53	115	0.5	Rungpore	·	Rungpore	**
80	0.7	0168	0184				+2'30	121.42		+6%1	218	110			Juliutorea	
80	2.0	0.09	6/167	0'61	3 (15	7.33			116.87		1		Julpigores	{	Cooch Henur	0.0
80	4.6	6,20	0189	61.08	pills	2174	4 1 (0)	136'34	195 99	+10*44	215	110	Unrjeeling		Darjeoling Hill T	ract
\$6	111	Nil	0109	0118	6.00	0.30	-0100	75'14	60'02	+ 15:12	014	014	Purnesh	1	North Bhagaiper	·
		4	10.0	0'24	6101	0:31	-0.30	68'783	44.72	+4'21	0.3	0.4	Monuferpore	74	Mozufferpore	***
-54	0	Nil	0.07	0°15	0°07	9-32	-0.18	52:24	48'07	+ 6'87	0.2	0.4	Durbhunga		Durbhunga	***
120	114	Nit	Nil	0.53	Nil	0.30	-0.36	66.11	47.80	+10121	0.0	0.4	Motihari		Chumparus	***
66	6'7	N+1	Nil	0.02	Nit	0.40	)109	40.50	43*74	-3:44	0.0	0.2	Chupra		Sarun	701
2.5 3.3 8.3	111	Nd draps Nd	Nil	20.0	Nil	0.17	0115	40.40	41105	-0:34	0.0	0*2		:}	Shahabad	***
45	016	Nil	Nil	0*04	Nil	0.14	-0°h4	37:84	421811	- 6:00	0.0	0.5	(+ya		Gyn	0.0
36	1'4	2.11	0.03	0.02	nint)	6.11	-0.06	43.04	42 15	+1'4P	0-3	0.8	Вапкіроте	+4.1	Pstna	***
40	10	Nil	Seil	0'14	Nil	0.50	- 0.20	42.93	44-97	-1/74	0.0	0.3	Bangulpere	. 4	South Bhagulpore	***
53	v	0.28	0:19				-0.17	64178	62'10	+ \$162	0"5	0.4	Doomka	1	Southal Pergunuah	) s
				0.30	D125F	0.34	-0.14	43.64	81'98	-8134	0.0	0.2			finzeribugh	
20	2'1	No	Nit	0'05	NII NII	0.24	-(1:24	48703	\$0.83	-4'90	0.0	0.9	) Banchi		Loharduges	1.
33	0.2	dropa	No.	0.51	811	0.30	- 0'39 -0'40	49'84	84:03	-9'75 -4'19	0.0	0.9 0.9	Ch. shann	2	Stant hoom	

ten years. The variations are negative when the mean for the week is less than the corresponding normal mean and positive when greater, the period the sky covered, the winder sky being demand to 10. Under the less of batter there is no period the sky covered, they were sky being demand of the district are the numerical average of the numerical average of the numerical average of the numerical average of the numerical average of the numerical aver

# Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 18th of April 1890.

					R	ATHPALI	ro.			To	TAL				
Meteorological division.	District.	Station.	Saturday, 19th April.	Sunday, 19th April.	Monday, 14th April.	Twenday, 16th April.	Wednesday.	Thursday, 15th April.	Priday, 18th April.	Yomber of rainy days.	Rainfall of	Total rain- fall since lat of month.	Average total rainfall from lat of month.	Total rain- fall since 18th May 1889.	Average rainfull from 18t May to date
Ontona	Pooree	Pooree	1	1	1	1	B		001217	Nil	3411	3611	0.58	83.03	5274
ORDER	Posted	Khurdah	******	\$ 1 4 4 9 P P	500000 500000	120114	965 666 966 446	0.00	242000	Nil	N11	NII 0.03	0'86 0 24 3'45	81 ng 70 n3 77 54	551X3 501J5 671X9
	-	False Point		******		000111	000000	*****	gader.	NII NII	NII NII	Nil Nil Mil	- 1	17.00	9
		Salpare Pipli		471104	-0+04	003-4	000 007	040+64	000000	7011	20 15		*		Ť
	Outtach .	Jagateingpore Banki		001111 411111		*****	******	000	141000	Nil	O'mp	\$100 \$100	0198 0119	70 19 56'87	48 7H
		Cuttack Kendrapure		0.00 hea	******	000.00		400411	004777	NII	NII	Nil Nil	0180	77:38 72:43	54 47 53 38
		Jaipore Dharmeals			204444	000 404	**************************************	0.81	14100	Nil	0°31 Nil Nil	Nil Nil	0°93 ?	80 to 75:78	3d*79
		Salipore		100 004	494.500	000410	177.40	*****	120000	NO		261 261	0158	85.71	83186
	Balescro	Chandbali Bhuddruck	1	400000		******	******	0106	2000 TES	NO 1 NO	Nil n'08 Nil	0.08 Nil	1.53	60190	85 etg 84 48
		Balasore		*****	******	0.83	101.00		000000	NE	0'84 N11	0.88 Nil	1'89	80189 44 48	61 '95 66 to
		Jellasore	0.13	0118	*****	100.00		404 64	100 101	3	0'27	0.93	9188	80156	bir a i
BSEGAL.	Midnaporo	Centai	204449	******		221000			120100	Nil	1681 1611	Nii Nii	0,48	57 163 57 167	64112 6844
		Tumlook	*****	*****	00-000	101000	000-10	******	******	3611	Nil	Nil 0'57	0°63 0°63 0°94	8 1 80 47 73 44 5P	84 50 81 75 88 02
		Ghattal	804.11	5496 + 9x	*****	*****		44+	*****	NII NII	Nil	Nii Nii Nii	7	60:77 51:96	1
		Garbetta	000171	101.10	******	******	047 000	888+4/	100441	MIT	Mai	2911		0.00	
1	24-Pergunanhe	Diamond Har	96.5	994741	000000	******		698944	*****	NH NH	Nil Nil	Nil Nil	0.76	64'00 65'12	63.45
		Canning Town	020411	*****	*****	******	118 000	*****	040000	Nii Nii	Nil -	Nil Nil	0.78 0.65	10 79 87.18	50 77 5: 50
		Barrackpore Dum-Dum			7. 1200 7. 1200	******	******	******	302440	N41 N41	Nil	Nil	0.42 0.42	85'80 54'80	85105 88 47
		Buseerhat	m60 s.bo		005000	845.104	******	80000	490.44	Nil	Nil	36,1	0.93	61 57	80150
	Howah	Howrah	*****	******	100.00	500100	4+0+44		******	Nil Nil	Nil	30 (1 20 (8	1'08	00:04 83:47	85 80
		(Ooloberiak.)									9.211	9079	0:78	56:10	M. 40
	Hooghly	Berampore Hooghly	*****		*****	Gerece Collage	******	*****	******	Nil	NII	NA Nil 0'07	9:74	84.11 92.50	83 48 81 45
		Jehanabad	*****	- Area	******	- manage a	004101	******	P# > 100	8.1	In LS	er03	0.50	41'87	\$81.86
	Burdwan	Guina Burdwan	001111	4.00 FB 0	001711	171100	1+6+6+6	(1+600 general	1'85	Nil	1,12 1,11 1,12	Nil 1:66	0 47	68'00 68'00	67'76 81'14 51'00
		Cutwa	000011	*****	117100	001111	*******	111 00	******	Na Na	Nil	0.08	0'42	86197 84198	81.27
		Manker	100000	*******	PR 1000	000 Ph +	800114	*****	000.010	2011	NII	Nil	0163	81199	64*28
	Bankoora	Bankoora Bishenpore		******	201100	000 = 7 d	492111	+ mbage + x x term	000 HD0	N11	Nil	Nil	9°54 9°17	86:48	84 155
**		Maliara Klistra		******* ******	005100	100000	000			Nil	NII NII	Nil	6.90	68191 45 86	85140
		Indas Katalpare	00200	*******	000000	000.00	100000	***	0'10	N41 0°10	0.10	Nil Nil	1	51 01 40 94	P
		Guegajalphati		000111	00=10	*48.704	*****	*****	******	Nit	NII	Nil		60 84 59'60	P
		Sonomakhi	800 //01	*144#	142701	400111	144741	*****	1.11	1	1/11	111	0140	85190	1
	Hearbhorm	Bh. Soory Hetampere	******	******	******	401004	*****	100-01	1.08	20(1) 20(1)	1'03	1711 2:26	0°40 9°45 0 71	89°65 50°00 48°18	86*73 841*18
		Rampore Haut Balpore	001144	*****	004141	******	801.000	P\$0 a a c	Approx.	3611	Nil Nil 8:40	0'23 2'40	1	63.72 88.97	83'86
	97-00	Murarai	0.04.00	4 86 904	1 1 000	100.001	P90,044	******	8:40	1	0110	0:88	1:57	87'18	81:14
	Hoddes	Ranaghat Kishnaghur Choosdanga		90001	10000	******	001 as	011110	0.80	3/11	8-80 W 11	0'13	1'19	61'27	49 76 85 70
		Meherpore	000133 000000	949-94 94-448 449-988	Appens Appens	101101	000000	000 x c c c c c c c c c c c c c c c c c	0120	2011	N11	0.35	1'3e 1'23	87-94	81 196 6816 S
	Khoolpa	Saikhira	******	**#899	******	848700	******	******	0101	1	9*01	8181	3:10	84155	80.78
		Bagurhat		100 \$Q.	F15451	02.0000 02.0000	******	110104	0.37	1	0.02	0°17 0°08	1.29	85 65 87 78	19.16
		Nakipore	010 001	*****	******	000111	******	0.73	200.00	1	0.78	0'73	P		7
i	Jessor	Namil	me o total		100 aga	001000	114000	0.06	9-91	2	1'01	1'00	1'12 1 58	88:39	80·17
		Jessore Jessore	******	100 101	******	*****	******	******	0°96 0°97 0°01	1	0°95 0°97 0°01	1'07	1.87	66'53 82'01 60'68	86136 84 114
		Hongong	000001	*****	##T 000	000000	******	17.800	0.00	1	0.00	0.00	1 08	46.94	80'07
	Mountedahad	Kandı Berhampore	*****	534.000 ****qqq	0-0000	******	******	102110 201 10	*****	Nil	MI	2011	8°78 9°76	86°58 66°68	88°85 84 13
		Lalbagh	******	******	401701	*** 00	1 1110	100101	0.48	Nil	D'13	Nat O'no	0144 0161	67.18	63 64 63 64
		Jungipore	******	89. 404	201 181 211000	00000	******	******	1189	1 1	9.20	1:49 8:60	01695 6167	65.44	81 tq
		Jiagunge	201000 401111	400.00	200 cg q	00-010-0 3d-0001	**************************************	020202	1.10	1	1.10	0'45 1'10	7	64 28	2 2
	#Thuns	Patkabari w	*****	F00121	003000	Deres	2000	******* *******	0040	-	g-date.	2.73	P 075	7	18890
AST RESOLL	CHIEFORGONE	Con's Hanar Chittaging	175744	401510	978149 098120		0.21	0:80 0:23	0.68	3	3.41	1.08	1-12	81.90	98170
		Kutubdes	779 MB	*****	0 0110	*****	0165	0'54	0.48	3	1'08	1'65	,	67:16	9
	Chritiagong Hell Tructs.	Rangumati		000101	000.000	000000	000000	9'18	0'46	1	0.18	0143 0148	1'69	69:01 71:63	80.4 80.4
			80.000	000000	000+10	201000	0.94.12.0	******					- 20		
	Hockergunge	Peruza peru	\$10 eas	402300	000 0 4 1 p.eg 4 64	00000	101000	******	1.41	1	1'41	0°#6	0.43	74'16	74 11
		Bhoin	101000	*	404404	000.00	100000	111111	0196	1	0140	0.148 0.148	1'04	741HB 611H6	7/3 13

Statement of Rainfall in Bengal for the week ending Friday (8 a.m.), the 18th of April 1890 -countd.

					86	AINPAL	L.			30	TAL.				
teorological Division.	District.	Station.	Saturday, 18th April.	Sunday, 19th April.	Menday, 14th April.	Threaday, 118th	Wednesday, 18th April.	Thursday, 17th April.	Friday, 18th April.	Number of	Reinfall of week.	Total rain- fall since tat of month.	Average total rain- fall from lat of month.	Total rain- fall since 18th May 1889.	Average ramin!!! from 181 May to date.
T Bungal		Gournaddi	# De * - >	******		*****	901000	\$00044 \$0.044	0:03 0:19	1 1	0.03	0.18	*	68188 93188	?
	Noakbolly	Noak helly Frany Harishpore	000 + 0 A	******	10-484	004524	0.78	0107 0150	0161	2 2	0°68 1°25	0'54 1 37 8'60	1 '78 2 u3	16A*21 83*02 87 85	115.9
	Furreedpore	Rampanj Madatipora Purrecapora	*****	******	40044	100 F00 100 F00	0°10	0°u7	016	1 2 1	0.12	0.78 0.48 0.40	1:45 1:47 1:66	60.40 (0.40)	60°K 62°1'
	Daces	Goalundo Munshigungo Daoca Naraingungo Maniekgungo	9-00 top	-3114 -3114 -3114 -3114 -3114 -3114 -3114	007000 #0270.	0020- 10100- 10100-	**************************************	1°24 0°3: 1°49 0°13	1'60 3 57 1'71 0'64	9 2 2	2.74 2.49 3.20 0.79	2:96 4:37 8:41 1:47	9733 2 16 1 41 1 65	83' 43 83' 43 85'95 72'14	7018 66.7 63.1 64.6
	Hill Tipperal- Tipperah	Agartola Comilla Chandpore	*0************************************	160000 160000 000000 60000	00.000 00.000 00.000 00.000	120000 120000 100000 100000	0°58 1°98 0°81	1'48 0'13 0 35	0°25 1°06 0°25	3 3 8	2 96 1 49 0 00	2°98 1°70 1 100 2°24	9:02 2:51 1:97	78°56 61°14 66 96 68'97 57'52	CERT (II) FOR THE FOR THE
	550	Bruhmupberis Ramchandra- pore, Nasirangar Daudkandi	**************************************	000 000 0 000 0 000	000100	10 000 10000 00000	0.12	9°50	0.80 0.80	3 3	1'80 2'30 1' 8	3:76 2:80 1:15	\$*B\$	63°17' 61°89 64'86	? P P
	Mymonologh,	Kasba Lakshom	274 aga (1478)	004 500 012 000	******	*******	0714	810	031	1 2	0.45 1.36	0.75 R:50 0.19 4.10	2:0: 1 0s	63 88 74 53 74 30 66 21	76'01
		Atia (Tangell Mymensingh Jamelpore Notrekona Subornakkell;	000 004 000 000 000 000 000 000	00112 40174 40174 40000	40461	******* ****** ******	0:31 0:15 1:44	0.70	0 81 0 70 0 33 0 63	2 1 8	0'06 2'14 0'33 2'15	2:25 3:19 0:92 2:74	1'86 1'14 1 85	102 84 90 24 122 24 60 98	50 11 78 51 67 60 77 83
		Purpapore Sherepare Town Dewangang	******	******	00010- 00011	*****	0.10 0.10	9'85	0°47 0°70	2 3	1°79 1°68	2°23 1°74 0°58	1:40	91.10	87'NS
North Breat.	Pubuk	Pubna Coraggunge Charepore	200 to	******	******	******** ******	0.10	0.08	0.82	1 2 1	0.63	8'98 0'82 1'24	1°05	63.32	80'84
7-1		Bowkbilla Bogra Pancabibi	000.000	*** *	******	400 004 000 004	465444 987444	******	0.81	1	1 22	1:36 0:84	0.80	78 G9 67 33	8617/4 83114 87143 88110
	Rejunchyn	Beautech Natter Naopaon Laspore Mande	440.981 440.400 580.500 500.403	**************************************	100000 1 000 101 000 101 000	******** ******* ******	64 1000 00000 00000 000 b04	001000	9'06 6'%0 0 63 0'98	1 1 1 1 Nil	4'86 0'63 0'94 Nil	6:03 0:63 0:94 Nil	0'7v 0'11	64 '00 88 '00 37 '69 48 '87	57 34 53 22 1
	Maldah	Maidah Chanchal Gajal Sibyanj	000011		00.00	**************************************	76 774 ***********************************	*****	0.12	Nil Nil Nil	NII NII O IS	NII NII O'15	0.40 0.40	80:80 25:80 25:70 62:86	83'64 84' 85 9
	Hinagopore	Mohadebpore Churamon Hangunge Dimanipore Halcorrhat Thakcorpace	000 000	90: 14* 121*40 10:400 60:400 11:400	00.100 000.0. 200101 000000	00 0000 00 1000 10000 00000	000 100 19.800 001111 00122 00.111	0.11	0 0P 0 12 0 24 0 27	2 NH 3 1	0°12 Nil 0°14 0°14 0°37	0°90 0°18 N°1 1°34 0°28 0°37	0.34 0.14 0.25 0.24	84'01 61 #4 82'37 61'67 61 51 80'18	87 93 89 80 65 11 88 87 7
	Bungpore	Bhawanigum e (Gyabanda). Rumppero kurigens Ragilogra	# # # # # # # # # # # # # # # # # # #	000 000 000 000 000 000	000000 000000	000100 00050 01200 11200	000000 00000	0.01	1'80 0'46 0'20 0'17	1 9 2 1	1 80 0'65 0'95 0'17	1'80 8'45 2'86 0'63	0.96 0.86 1.55 0.70	90'19 76'49 94'45 85'92	64'61 77'08 77 13 47'34
A, ,	July1goree	(Nelphomori Dispure Juipteuren Alsport Duggs	09209= 	******	00****	0.08	0108	0°00 1°25 0°46	0.52	1 2 3 3	0°98 0°06 1'46 0'73	1'06 8 09 1'96	1:56	81°01 183°49 184°67 180°17	230 64
	Onoch Behar.	Pallacotta Belagan; Ithagatpure (Nagravatta). Izuhu ta	90 + 444 00 + 444 00 + 444 00 + 444 00 + 444	\$20.00 \$20.00 \$20.00	2.03	0.88	67.0	-0°02	0:18 0:18	8 8	0.14 0.49 0.14	1'33 3'29 7 10 1'61	1'00 1'36	140°64 102°15 133°18	80.43 80.43
	Darjeeling Hill.	Couch Beine birchilgings. Manistrage. Singues Dingues	0.81	0.01	0.04	0.80	0'36 0'57 0'02 0'26	0.03 0.40 0.00	0°11 0°54 0°19 0°07 0°22	8 4 C 8 17 31	0°50 1°80 1°80 0°31 1°11 0°32	8:18 0:17 1:47 8:28 1:54	0'87 1'11 8'51 0'51 1'96	127'01 127'01 127'00 200'38 96'19	106:57 1:5:49 199:41 105:92 113:39 67:43
uid Beran	Purnosh	Purnesh .	00 vet	10000 10000 11000 11000	\$20.227 \$20.227 (20.002	0.07	20000 200425 200226 200226	000 mm	0.34	1 Nil Nil	0.84 0.00 Nil	0.34 0.09 Vil	0'81 0'58 0'49	170°84 104°01 79°84 - 63°52	71183 68 37 63166
	North Bhagul-	Sunpan'	00000 00000 00000 00000	000.00 000.00 000.00 000.00	00° 1 00° 11 00° 10° 00° 10° 00° 10°	000000	001000	000000	0.10	Nil Nil Nil Nil Nil	Nil o'16 Nil Nil Nil	Nil Wil Wil Nil Wil	0.34	60°µ3 67°36 88°69	8078 69 80
	Durbhange	Protabpanj Intpore Durbuunga Madhubant	******	000-00 010-04 010-04	######################################	000000 000000 010000	000.000 000.000 000.000 000.000	0.000	0188	Nil Nil Nil	Nil Nil 023 Nil	Nil Nil 0.73 Nil Nil	6.27 6.37 0.10	60°65 89°37 63°65 70°69	40.18 40.29 40.00
	Monuflerpore	Boshers Bitamarhi Bicaufi rpore flattuoro Fara Mahuo			000000 000000 001100 001100 001100 001100	101000 00000 00000 00000 00000	001200	000110	()-(03)	NII NII NII NII NII	NII O'01 NII NII NII NII	O'02 Nil Nil Nil Nil Nil	0.57 0.57 0.60	65:60 65:56 65:35 62:10 77:50 61:15	6617 6616 6319

Statement of Rainfail in Bengal for the week ending Friday (8 a.m.), the 18th of April 1890 -concid.

			1		. 8	LAIWPAL	li.			701	AL.				
Mateorological Division.	District.	Station.	Seenrday, 12th	ay, 18th	15. 16th	fay. 18eb	April.	Thursday, 17th April.	ar. 18th	Number of raing days.	Rainfull of week.	Total rain- fall since 1st of month.	Average total rain- tall from lat of month.	Total rain- falt amos sorb Way 1880,	Average rainfall from 1411 day to date.
			Bathr	Sunday April.	Memday April.	Tuesday	Wedn 19th	Thu	Priday	Mun	Ban				
NORTH BREAK	Chumparun	Botthari	000000		*****	-41000	101 117	000.04		NII	Nil	Nil Nii	0.84 0.82	78°68 8×168	45°54 40°80
- evselsdid.		Buguha	*****	REEV.	7474	*****	60000	11.00		NII	NII	Nil Nil	1	70 44 81 743	*
	Serun	Gomigungo	*****	*****		981111	******		+80 H4A	Nil	Mil	Ril	0.02	85.73	44131
	Serus	Chuprah	2007.04	*****	000000	******	*****		*****	Nil Nil	NII	No.	0.08	66148	\$0.30 41,2,
BOTTH BREAK	Shahabad	Buzar	10000	26 0001	000000	****	*****	150104	******	No.	Nil	Nil	0.11	47'74	61 '0 48 '1
		Bhabnoah	100791	,,	01 444 00	100.01	100180		A 100	Na Na	Nil	Nii Nii	0.13	89161 80131	61 to
		Arrah	509-14	******	000 707	000 101	100 00	110000	10701	Nil	Nil	Nil Nil	0.14	41103	41:3
		Mehaniak	181100	*1000	946.693	*****		*******		Nit	2011	20	0.13	88163	437
	Qyn	Gya		v 43.	e14444	20 0 1	1989	*****	******	Nil	Nil	Nil	0.14	40°20 80°78	41.1
		Newadah Jehanahad	-11-04		402-045	120103	*****	******	199494	No.	Nil	Nil Nil	0.14	83177 84149	410
- Sp		druul Dandnager	01-00		00000	110 B1	114.00	******		Nil	Nil	Nil	į	QB:82	2
	-	Shorryhati	41.00		000-00	904 + ++	*******		-04-41 -00-409	Nit	Nil	Nil Nil Nil	9	17 P4	
		Pakri Barewan	100000	101	100000	*****		******		Mil	Nil	Ril	P	\$1'90	P
	Patno	Patna	80.011	140000	*00.101		10014		100 100	Nil	Nil	Kil	0'09	81'50 45'33	4214
		Divep re	-00.00 -00.00	*****	001		*3****	840 04	0:10	Nil	0,10	Ntl 0'10	0.13	41 39 36 d3	42 U
		Barrh	41110	-8	49444	*****		*****	10.11	Nil	Nil	Nil Nil	1	43'45	-
		Hilea .	0.00 777		100109		-01,004	20000	-00000	Not	Nil	Nil	,	86 ti4	
	Monghyr	Regonserni		******	*****	007 104		+44 8-	*****	Nil	Nii	261 261	0.13	47:78	41'1 47'6
		Monchyr Jamui	*** **	*****	000 400	*****	11 100	101000	*871.**	NH	Nit	No.	0.23	89'A6 69 19	6612
		Gogri Shorkpura			otous.	000000	112747	*****	000.00	Nil	NII	Nil	İ	48'32	j j
	South Bhagui-	Bhagulyore			.00000	*******	4 00 181	490.000	****	Nil	Nil Nil	Nil 0:32	0.83	48 0H 3H 50	41°E
	pore	Rolp no	*** *	Ma. 44	144 de	*****	******	*****	******	No No No	Nul	Nil	2 2	68'97	
		Bangaon			188400			*****	405***	Rill	Nil	Nii	0148	99 177	631
	Southal Por	Rajmehal	****	100111	102000	******	***	******	0'02	Nil	Nil	Nii	0'55 0 23	49 74 74 45	561
		Nya Boemka	400	*** **	40 /11	**1984	******	*****	0.03		0103	0.43	0'51	87:50	551
		limognur Jamuara	100.00	9 411 100	******	*****	1	****	0'30	Nii	N11 0 30	Nil 6/30	0 19	40 113	80
		Muhapama .	196 800	100 100	400,000	701700	100 11	100 101	0.19	1 1	0.12	0'24	7	56165 57162	
				***	1114775	*11.000		MIT one		Nil	Stit	Mil	0-88	39'94	401
PUR. WAG-	Hamribagh	(Giridi).	******	*****	******	016401	w0/82 ***	******	100001	NII	Stil		0:23	69'81	401
		Bannibarh Samusurah	*****	00	00014	******	11100	******	recede	Nil	NB	Nil	6:13	36.02	401
		Jhoomra Hills	******		200000 -670*1		41.204	******		Nil Nil	N:1	Nil	Nil	63'60	641
		Barki	197313	*****		4.011.00	******	******		Nil	Nil	NII	7	67'09	
		Karagdaha	101-27	127 129	494		981.11	-11.000		Nii Nii	Nil	Nil	1 1	40.00	
1		Lohardugga	*****		002111	171111		- CONTRACT			201		8123	46.73	12:1
	Loherdners	Ranchil	100.00	. 1944	401224	000011	101111	200.		Nil Nil	NII	NII	0.30	86 23	40
		Yalamow Sitti	100,023		######################################	448168	184	*****	******	Nil	N i1	Nil	1	34.40	
	1	Balumat Hosesinabed.	48444	1 794	00000	96924s. /460251	*****	*****	103.012	Nil	Nil	Nit	7	64.79	
		Gerwah	770.00	******	Bilips	0.00000	*****	*****	100391	26 11	Nil	16.11	2	20'46	
	Singbhoom	Chrebana		*** ==	etesto	114000	117011	10:714	110100	30 ti	Nil	N 11	0140	49:20	861
		pore. Ghateille	101101	******	40000	******	P300-4	-1004	1:00	1	1:33	1:32	,	67.15	1
		Hakaragura	101101	00.00 t	92700	907914 407111	*****	101	*****	Nii	NII	31/13	i	57:37	1
	Manbhoom	Perulia		1,4100	Addate	******* a	*10104	124994	******	NH	Mil	261	0.48	64'46	\$110 46 7
	1	Gubundpore , Kaghumath-	******	141.44	444000 44400	100000 200 400	*****	F4	8041	Ni1	Nil	Nil Nu	0.99	84 '05 46'83	1
	1	Barrabbasan	***		A+1140	000111	****		10000	3713	Mil	2011	2	40192	1
		Jkalda _	*******	**	893001	*****	*****	#49 - 0# ##2422	000.00	8il	Nil	No.	7	51'40 88'48	1

Applementum, - Indicates that so rain has failen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting the corresponding appears in the tors, rainfall columns are loft blank.

CALOUTTA, the 22nd April 1890.

#### SUMMARY OF THE METEUROLOGICAL AND BAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 18th OF APRIL 1890.

At the commencement of the present week weather was everywhere settled; south-westerly winds blow over the whole provines. Dhubri being the only station reporting an easterly wind, temperature was above the normal, and rising rapidly in the north-east, but was falling slowly in Chutia Nagpur and part of South-West Bengal. The low-pressure area which extended along the foot of the hills on Saturday, the first day of the week. Continued without much change relatively to the neighbouring parts, but pressure changes of considerable amount have been going on for the greater part of the week. During the first two days the changes were small; the low-pressure area contracted, and easterly winds commenced in Behar. Temperature was then from three to six degrees in excess in Behar. Chutia Nagpur, the upper part of South-West Bengal, and the lower part of North Bengal, while along the eastern boundary and at the head of the Bay there was either a small excess or defect ranging up to 3° at Cuttack. On Monday, the 14th, a rapid fall of pressure set in, the changes in North Behar and North Bengal in some cases exceeding a tenth of an inch. On the following two days pressure rose briskly but uniformly, and the effect of the previous rapid fall continued on these two days in south-easterly winds prevailing over the castern half of the province. The only district where winds were not south or south-east was Chutia Nagpur. Bain began to fall in North Bengal on Tuesday, extending on Wednesday to East Bengal and the eastern parts of South-West Bengal, where fairly general, and in some cases heavy, rain fell till the end of the week. With the commencement of rainfall temperature fell in North and East Bengal, but in the other districts, where rain was almost entirely absent, the change of temperature was insignificant, a large excess being general. On Thursday pressure again fell briskly and a distinct depression formed in the North-West Provinces, covering part of Behar and Chutia Nagpur. The increase in the amount of rainfall in

Rengal, along with the continuance of this arrangement for some days, having caused general and for the season heavy rain over the whole of the eastern half of the province.

Pressure—Changes have been fairly large, with the exception of the first two days and the last day of the week. On Monday the 14th there was a rapid fall followed by a prisk rise on the 15th and 16th. On the 17th there was again a brisk to rapid fall, and on Friday the 18th slight irregular changes. On the 14th and 15th, and again on the 17th and 18th, there was defect of over a twentieth of an inch, but on the other days the differences from the normal were very slight. The means for the week are all below the normal, the largest differences being about a twentieth of an inch in South-West Bengal and Behar, and the smallest two to three-hundredths of an inch in Orissa and the neighbouring part of South West Bengal.

Temperature—Has been subject to rather large changes and the distribution has been irregular. Thus at Cuttack, Calcutta, Dacca, and Derjeeling the mean maximum temperature is below the normal, while at Burdwan, Patna, Purucah, and Hazaribagh there has been excess of from 3.5° to 4.5°. The night temperatures have been all above the normal except at Dacca, the largest being 5° at Gya. The means for the large divisions are slightly below the normal in two cases—Orissa and East Bengal, and above the normal in the others from

The actual temperatures during the week, the range from day to night, and their variations from the normals are seen in the following table, where the average maximum, minimum and mean temperatures at nine typical stations in different districts in the province are given together with their normal values:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 18th April 1890.

							- 64							-
control to 1. a membrane	Section 1					Normal mean maximum fem- resture for the week ending 18th April.	Artest meen maximum tem- perature for the week ending 18th April 1869,	Variation of actual mean from the normal.	Normal mean minimum tera- perature for the week anding lith April.	Actual mean minimum tem- persions for the west coding 18th April 1800.	Variation of actual mean from the normal.	Normal mean daily tempera- ture for the week ending 18th April.	Artual mean daily tempera- ture for the west and ag 18th April 1890.	Variation of actual mass from the normal.
Gnitack Onleutta Darca Rurdwan Patua Gya Purneah Enzarthagh Darjosling	0 H d	*** *** *** *** *** *** *** ***	000 000 000 040 040 040 040 000	000 000 000 000 000 000 000	000 000 000 000 000 000 000	105°8 16°9 94°0 101°1 101°8 102°9 100°0 97°3	101'1 98'1 98'5 104'1 105'6 100'6 101'4 101'8 68'1	-9'1 -1'8 -0'6 +3'5 +6'6 +3'7 +1'4 +4'8 -0'4	78:1 75:5 75:6 75:9 74:1 74:0 00:9 72:4	78:8 77:8 6 78:4 37:3 76:1 70:1 71:7 76:1 49:8	+07 +17 -22 +31 +20 +51 +25 +37 +94	90°6 56°3 84°8 88°3 67°6 84°6 84°6 84°6 84°6	90°0 90°1 83°8 90°9 90°9 (°2°6 88°6 88°7 86°4	+0.1 +2.6 +3.6 +3.6 +3.6 +3.6 +3.6 +3.6 +3.6 +3

Rainfall—Commenced on Tuesday in North and East Bengal, but the showers on that day were slight and scattered. The area and amount both increased on Wednesday, and on Thursday and Friday, the 17th and 18th, general rain fell in those two detricts and in part of South-West Bengal, but in Behar, Chutia Nagpur, Orissa, and the western half of South-West Bengal very little rain has fallen. Thunderstorms have in some cases been severe, and in one case in the Mymensingh district the storm approached in violence to a tornado, but as it did not pass near any observatory, no details have been received. The largest falls are 4.8 inches at Nattore. 3.3 inches at Lalgola, and about 3 inches at Naraingunge, Dacea, Munshigunge, and Agartela. The means are 1.3 inches in East Bengal, 0.85 in North Bengal, 0.28 in South-West Bengal, and in the other districts under a tenth of an inch except in Chutia Nagour, where no rain has fallen.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 18th of April 1890:—

			TRM	PERAT	URE.		-			1	RATHP	ALL.				
		wook.	Aven	agus o	r week.	above or		Of we	ok.	B	ainy d	mys.		re 1st nonth.		ne 18th
METEOROLOGICAL Divisions.	Highest observed during	Lowert observed during	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week below normal mean of	Average.	Normal average.	Variation.	Average number in	Normal average num-	Variation,	Average.	Normal average.	A vorago.	Hormal average.
Orinta vo ore see	104'4	76'8	91:8	78-5	8619	-018	0100	0*27	~6'18	0.8	0.7	-0.4	0100	0100	66'61	86100
Routh-West Bengal	110-1	00'5	101-9	77-5	207	+910	0128	0140	-0*12	014	0.0	-0.4	0.40	0'84	53'84	56-30
Bast Bongal	9813	8012	01-1	76'0	8918	-016	1'80	0.02	+0.69	1'8	1.2	+01	1'00	1172	80.40	79'72
North Bengal*	106 8	65'2	97'9	74'0	8610	+97	0185	0-85	+0.83	3'4	08	+0.0	2106	0.24	75 59	72'96
North Bohar	10578	6618*	101-80	71.00	98.6°	+2:30	0.04	017	-0.13	0'8	0.4	-01	0100	0.29	88'04	40'90
louth Schar	100-3	70'0 :	1007	76'0	9016	+310	0198	0.10	0*08	0.3	0.2	-0.1	800	0.51	44'40	44193
Stutia Nagpur	103-19	71'6"	100'90	78'2"	06 1°	+3.20	Mil	0-11	-0'11	0.0	0.9	-014	2011	0150	44'10	

O Dinampore, Durbhanga, and Chyebassa not moluded,

METROROLOGICAL OFFICE, BENGAL;

O. Lattle,

The 22nd April 1890.

Offg. Meteorological Reporter to the Goot. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 13th to 19th April 1890.

		A.R.			Tune	BRATURE	l.		1	I ranount	BY.	5
Morra.	Date.	Pressure at 10 A.M. corrected and reduced to 32 Fahr.	Dally mean.	Maximum.	Range.	Minipum,	Dry buib at 10	Wet bulb at 10	Vapour tension at 10 4. m.	Dev point at	Bumidity at 10	Rainfall past 26 hor
		Inches.			• 1	•			Inches.		2	Inche
pril 1880	18th 16th 25th 16th 17th 17th	29-831 75-6 782 798 757 792 846	86.4 80.4 87.2 86.4 87.1 83.2 86.4	95-0 102-0 96-0 95-0 96-0 91-5 96-0	17-2 23-2 17-7 17-2 17-8 16-7 21-2	77·8 78·8 78·2 77·8 78·2 74·8 74·8	89-6 91-1 89-6 90-6 - 90-6 78-6 90-6	81.5 81.5 81.5 80.5 74.5 80.5	962 947 967 964 906 811	78 1 77 6 78 2 77 8 76 3 72 5 76 3	60 66 70 67 63 82 63	#41.
	The mean						'a		•••	***	Inches. 29.795	
2	The mean	a temper	rature	of the	seven d	ays	***			100	86.6	
	The extre				ersture		* * *		101		27.2	
	The maxi	minut 16	mbers	raia		•	***				102.0	
7	The meas	10 л.н	. relat	ive hur	nidity o	of the	oven de	Lys	***		68	
_ 1	The total	fall of	rain fr	om 13t	h to 19	th Apr	il 1890	•	and mi	***	Inches. Nil	

J. H. GILLILAND.

For Meteorological Reporter to the Gost. of India.

## Results of the Meteorological Observations taken at the Alipore Observatory from 13th to 19th April 1890.

			8	Totor		Tampus	LATURE			Hyonon	BTRY.		WIND.			
Month.	Pate.	Maximum in ma.	Number of hours bright sunshine.	Mosn pressure baromete at 32° Pair.	Month.	Mariman	Range	Winks um.	Mean wet built.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.	Rain.	Weather.
1890.		0		Inches.	0	0	0	0	0	Inches	0	×			Inches.	
April	18th	151-1	6-0	29 787	85-8	98-9	10.6	77-8	79-1	0.908	763	74	88W	264	Nil	Partially cloudy
7.00	148h	155-8	64	-679	87 1	101.6	23·1	78-4	78-7	-863	74-8	68	98W, 8W and S	208	33	Partially cloudy
5.9	756h	147.7	59	700	86.98	94-9	17:3	77-6	78-7	-887	78-6	72	8 and 88W	151	8-4	Chiefly cloudy.
,	16th	148-2	9.0	711	86 5	94.1	16-7	77:4	77-8	-850	74 8	69	88W and 8	215	,,,	Partially cloudy
,	17th	160-5	9.4	-874	86 5	94-3	16-6	77.7	78-9	-885	75.5	71	SSW and S	200	30	Partially cloudy
,,	18th	145.3	24	717	58 0	91 7	17-5	74-2	762	-821	78 3	73	ESE. SSE and variable.	168	9.3	Chiefly cloudy
	19th	151 6	9-1	-798	85 1	98-6	19 5	74:8	76-2	784	71.9	61	SSW, S and variable	174	Not measur- able.	Chiefly cloudy

The	mean pressure of the seven days	eriod for 24 year	s, SG.'s (	Office	Inches. 29.716 29.746	
			4 0 0	a <b>4</b> 4	Hours. 48.7	
The	maximum possible number of hours of s	unshine		000	0	
The	average temperature of the corresponding	g period for 24	years, BG	's Office	85.0	
The	extreme variation of temperature	a 0 0			101.5	
The	highest velocity of the wind in one house		•••	0.00	16	
The	highest pressure of wind on one square	foot		Approxima	tely 3	
The	mean relative humidity	onding period fo	r 24 years,	8G.'s	70	
O	files		4.0.4		Inches.	
The	avorage fall of the corresponding period	for 24 years, D	3.'s Office		0.21	
The	total fall from 1st January to 19th April	for 2d warrs 8	G.'s Office	···	3.60	granh
	The The The The The The The The The The	The average pressure of the corresponding portion of the total number of hours of bright sunshing. The maximum possible number of hours of a surface temperature of the seven days  The average temperature of the corresponding The extreme variation of temperature  The highest velocity of the wind in one hour. The highest pressure of wind on one square. The mean relative humidity  The average relative humidity of the corresponding to the total fall of rain from 13th to 19th Apr. The average fall of the corresponding period. The total fall from 1st January to 19th Apr.	The total number of hours of bright sunshine The maximum possible number of hours of sunshine The mean temperature of the seven days The average temperature of the corresponding period for 24 years The extreme variation of temperature The maximum temperature The highest velocity of the wind in one hour The highest pressure of wind on one square foot The average relative humidity The average relative humidity of the corresponding period for Office  The total fall of rain from 13th to 19th April 1890 The average fall of the corresponding period for 24 years, SC. The total fall from 1st January to 19th April 1890	The total number of hours of bright sunshine The maximum possible number of hours of sunshine The mean temperature of the seven days The average temperature of the corresponding period for 24 years, SG. The extreme variation of temperature The maximum temperature The highest velocity of the wind in one hour The highest pressure of wind on one square foot The average relative humidity The average relative humidity of the corresponding period for 24 years, Office The total fall of rain from 13th to 19th April 1890 The average fall of the corresponding period for 24 years, SG.'s Office The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890	The total number of hours of bright sunshine The maximum possible number of hours of sunshine The mean temperature of the seven days The average temperature of the corresponding period for 24 years, SG.'s Office The extreme variation of temperature The maximum temperature The highest velocity of the wind in one hour The highest pressure of wind on one square foot The average relative humidity The average relative humidity of the corresponding period for 24 years, SG.'s Office The total fall of rain from 13th to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890 The total fall from 1st January to 19th April 1890	The mean pressure of the seven days The average pressure of the corresponding period for 24 years, SG.'s Office  29.746  Houre.  The total number of hours of bright sunshine The maximum possible number of hours of sunshine The average temperature of the seven days The average temperature of the corresponding period for 24 years, SG.'s Office The maximum temperature The highest velocity of the wind in one hour The highest pressure of wind on one square foot The average relative humidity The average relative humidity of the corresponding period for 24 years, SG.'s Office  The total fall of rain from 13th to 19th April 1890 The average fall of the corresponding period for 24 years, SG.'s Office  Nil The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office The average fall of the corresponding period for 24 years, SG.'s Office

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h. and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the thermometers. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, t thunder, < lightning, d drizzling rain.

N.B. -In the weekly report from 23rd to 29th March 1890, road 60 for 70 as the humidity of the 28th March 1890.

J. H. GILLILAND,

For Meteorological Reporter to the Goot. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA; Calcutta, the 21st April 1890.

#### MEMORANDUM.

Weekly review of births and deaths in twenty-seven of the principal towns of Bengal for the week ending with Saturday, the 5th April 1890.

#### BIRTHS.

The births registered during the week ending with Saturday, the 5th April 1890, in twenty-seven principal towns of Bengal, excluding one (Hughli and Chinsurah) from which no return has yet been received, correspond to an annual rate of 14.2 par 1,000 of the aggregate population of the twenty-six towns, which is 1,029,887. This rate is 6.3 lower than the average rate of the corresponding week of the past five years, and is also lower than the rate of the corresponding week of any of the past five years—vide the figures below:—

	1006.	1884,	1687.	1086,	1880.	Wrokly average of five years.	1000.
Ratio of births per 1,000 of the population por	\$6.0	81:18	1716	18-9	2178	9016	36'8

The births registered in each of the last four weeks in each of the twenty-seven principal towns correspond to the following rates per 1,000 of the population:—

					1	Weren 1	MADIA .						1	WEEKS 1	endino-	-
	Town	rs.			18th March 1896,	thad March 1880.	99th March 1890.	ath April 1888.	Te	ownu.			18th March 1896.	Stord March 1889.	99th March 1880.	ath April 1880.
Burdwan Midnapore Bughli and	Chinau	mili	000	014	18'8 20'1 19'7	36'6 17'0 96'0	26'6 26'3 28'0	25°9 10°8 1)ata not	Narainpanj Chittarong Gomillah	### 	60 <b>0</b>	***	38*1 14*1 80*1 15*9	99°0 11°7 20°5	16'6 9'4 25'1 12'5	90-7 4-7 50-1
Corampore Utterpara Howrah Bali Etshnaghur Ranachat lant:pore Jenore Rampore Be Oarjeling Dacca		000 100 100 100 100 100 100 100 100	700 000 000 010 000 000 100 E25	100 100 100 100 100 100 100 100	36-3 26-3 35-2 7-0 22-7 6-0 21-9 34-8 67-3 14-8	21'8 47'2 51'2 51'1 11'4 41 9 35'0 30'6 31'8	47°2 28°3 19 8 17°5 36°6 29°8 18°4 51°0 37°0 30°8	700 9'8 18'0 14'0 12'2 26'8 14'8 8'4	Patna Gya Arrah Mozufferpore Unrbhanga Chupra Bhagulpore ilonghyr Purneah Poori	000 000 000 000 000 000 000	100 100 100 100 100 100 100 100 100 100	000 000 000 000 000 000	1971 2979 1478 1577 1671 2078 8176 1078 1477	20 7 25 6 25 1 25 1 25 1 26 7 26 7 26 7 26 7 26 7 26 7 26 7 26	18-1 91-9 18-6 18-1 14-1 13-6 26-2 27-7 29-6	6'8 16'4 12'1 9'7 16'1 14'1 10'9 90'8 13'9

It will be seen that last week the highest birth-rate was returned from Comillah (50·1) and the lowest from Chittagong (4 7).

DEATHS.

The deaths registered during the week under review correspond to an annual rate of 21.5 per 1,000 of the population. The rate of the week is 2.9 below the average rate of the corresponding week of the past five years, and also below the rate of the corresponding week of any of the past five years except 1886—vide the figures below:—

	3686.	1006.	1007.	1000.	1000.	Wenkly average of five years,	1000,
Ratio of deaths per 1,000 of the population pur	20.1	81.0	98-9	981	86'9	2014	2315

The deaths registered in each of the last four weeks in each of the twenty-seven towns correspond to the following rates per 1,000 of the population:—

						WEEE	BADIMO	-	1					WHEED:	BNDING-	-
	Tow	774.			18th March 1896.	The Hareb 1880.	20th March 1,000.	76h April 1890.	To	WYS.			18th March 1886.	The March 1889.	19th March 1888.	sale April 1880.
Bardwan Midnaporo Hughli and Bowanporo Unterpara Bowanh Balli Leshnaghur Lantaghat Iantiporo Jeanzzo Ramporo Be Daca	000 000 000 000 000	000 100 100 100 100 100 100 100 100 100	000 100 100 000 000 000 000 100 000	000 000 000 000 000 000 000 000 000	94'4 91'3 81'3 87'3 90'8 93'3 17'5 95 11'0 81'0 81'0 87'0 11'0	9970 4076 5070 4771 4771 9770 9770 1170 4175 5070 4175 5070 4175	94'4 38'7 87'7 87'7 81'3 36'8 5'7 56'8 8'4 18'8 81'0 44'8 82'7	27'5 12'4 Data not read, 27'3 46'6 22'9 31'6 7'6 6'0 10'5 18'4 24'2 20'6 18'6	Narainganj Chittaring Comillab Pakan Gya Arrah Muniferporo Durthanga Chupra Hancilporo Mengriyy Pricesah	200 200 200 200 200 200 200 200	700 000 000 000 000 010 000 000 000 000	800 200 000 000 000 000 000 000 000 000	8°3 9°4 88 9 11 7 40 8 28°0 14°6 15°7 10°1 18°4 19°0 80°8 180°7	6'1 11'7 68'6 12'3 61'0 16'6 49 18'7 16 1 18'1 16'5 87'7 68 8	8:8 7:0 48:2 17:5 06:8 16:7 17:0 28:1 11:1 19:0 8:4 8:9	8-3 4-7 11-4 70-3 13-4 13-3 18-1 8-1 8-3 8-9

It will be seen that last week the highest mortality occurred in the town of Gya (79.2) and the lowest in Chittagong (4.7).

Measured by last week's mortality, the highest annual death-rates from cholera, fever and other causes were as follows:—

Cholera. Fever. Other causes.

		1	Ratio per mille.			Ratio per melle.			1	Ratio per mille.
Comillah Howrah	101	***	15·4 6·8	Gya Kampore	Besuleah	81.0 80.8	Gya Poori Serampow	***	100	17°0 12°6

The total mortality from the several registered death-causes in the twenty-six towns amounted to 1.5 from cholera, against 2.4 per 1,000 in the preceding week; 5 from small-pox, against 1.1; 12.1 from fever, against 10.3; 1.9 from bowel-complaints, against 1.7; 3 from injury, against 5; and 5.2 from other causes, against 6.7 in the preceding week.

The mortality of last week according to Sex, Class and Age was as follows:—

According to Sex.

According to Class.

According to Age.

	Ratio per mille,		ı	atio per mille.			1	Ratio per mille.
Males Females Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population	19:6 23:4	Christians Hindus Mahomedans	***	80-9 21-9 20-4	Under 1 yea 1 and under 5	5 years 10 ", 15 ", 20 ", 80 ", 60 ",		136.4 21.8 10.6 7.3 18.9 12.4 11.6 20.6 24.3 79.3

W. H. GREGG, Dip. Publ. Health, Camb.,

The 21st April 1890.

Sanitary Commissioner for Benga .

				C 1 (7.17)(D)(D)(D)	A TOPO TO	20	4004
SUPPLEMENT	TO	THE	CALCUITA	GAZETTE,	APKIL	23,	1990.

882

To the second of = Population to propose abourny the Rusults of the Registration of Berths and Deaths in the principal Municipalities in Bengal during the work ending Barurday, the 3th April 1890, 1 2 No. 5 5 E F S 99 F 10 60 1976 'sejaji . 22 00 Ħ DRAFBE. 2 . . . . . . . . . . . . . . . . . . 2 . 2 . . 8 -colaim and of the manus of the of port. And of the pre-12.7 8 5 978 PRE MORTALITY ACCORDING TO-E 1222121222 BATTO PER LOSS OF POPULATION . 5 : Other diseases. 63 40 on f 2 5 5 E = Parent git. : 10 .xoq-flamf 125127712111712 3 2 2 2 3 2 2 3 Chulera 4 - 8 - 4 - - - 4 4 4 5 - - - - 4 5 - - 5 4 4 - 5 4 4 00 N 100 -porner [] F 101 Culture discusses. . DEATER PROUS . . . . . . . . K el marquoc-lowed -----3 "MANAGE 2 .zoq-liams 8 85.9 26.0 MATIO PER 1,000 OF POPUTATION PER ABRUM. Latel. 2 2 12 Pestalna. off BIRTHE 2 2 E .colalit 4 " 8 -60 141 HUMBER 49 49 2 101 .notali 31,980 6,310 14,615 27,497 8,003 13,506 100,987 78,151 48,485 48,742 57,463 18,016 19,791 1,018 30,161 86,000 67,676 Total. PUPULATION 27,831 6,562 2716,017 16,663 81,478 40 64,149 13,043 DISTRICTS. NUMBER OF Suppliff and China Ransghat. Statement Mornflerpore. Durbbeng Pagalpore Monthly Chirtagong Barren ... Rajabahyo Darfilling Dippersh Pates :: Brahahad Hughli

	Thuman
Camb.,	
Bealth,	
Publ.	
Dip.	
GREGO.	
Ħ	
×	

							_								-	ORTA	MOBTALITY	ACCORDI	RDIE	01 01	. 1										
						5	Clase.					-										4	ė								
DISTRICTS.	NAME OF BUILDING		DEAT	1	DEATES ANOTO-	1	3	THE PA	7 7 2 3	RATIO PER 1,000 OF POPULA- TION PAR AMBUR.	PUL.		1	4	1	Dage								BATIO	PBB 1.000	8	POPULATIO	N PSR	4	A WENTE.	ADELE.
		Christians,	Hindne.	.attebettoga M	Hurldhite,	Other olasses.	Christians,	Hindus,	Zahomodane.	Buddhiste,	Other classes.	Under 1 year.	.eraes droban bna 1	of white bring to	of rebri bine of	of sobus ander so	os sobun ben et.	04 Taban bas ut	so and ander to years.	50 and noder 60 years.	-qu bus ermy oh , ebing	Under ! yeer.	snd undere yeers.	of rebra bin 8	19 and under 16 years.	og reben bna 81	90 and under 50	30 and under 60 years.		os and under 60 years.	
Randwan					-	-	-						-	_			4	(7)	-		91	152'0	0.83		1	ğ	18	ŝi	60	T.I.	23 2.11
Midnepore	Niday was	1	- One	9 1	1		•				:	н (		:	* * * * * * * * * * * * * * * * * * * *			-		-	-	140.0		i	:	16.3	3 16.2	9.6	-	į	8
Beginii	Rughli and Chi	1 6			:			0.91	0.			Re	i i	Tweel	ed up to	dale o															
	- corab			12	-	and mark		36	0.00			_		-					(m)	91	96	2,906	27.6	3	\$3	1	9.68	-	-	12.	15.4
Bernmore	Utternara						-						_			:	00	1		ł	:	255	1	25 25 15 51 25 15		:	9.06	i		70.	
		-					6.44		_	_	-		Gh.	94		*	10	(-)	10	04	P	20.0	84.5	16.6		=	-		Ch.	01	G
House			) 		. =		-	-					-	9	a.rm	:		ent.		i	@1	237.3	38	146.3	:	:	•	v - 1600 - 1811	90	:	:
	Kiebnaghur		-		09					12.6		-		:		-	4-4	:	į	:	01	100.8	1.18	0		:				:	:
Wadden	Renegthet	:			-						-			- 1	***		;	1	1	ì	910	-	*	r r r					-	*	*
	Santipore	:		9	-		: 1						-		. :	į	000	:	į	i	94	123.1	:	13		***	10.	10		1 .	1
Jessore	· Jessore			81	p+0				123.1	60				:	:	_			•	p=0	=	0.895	:	4 8 6				ada		1	- 524
Rejehal ye	Lampore Regulerh		-		03						-		_	9/3	-	p=4	140	:	÷	1	:	305.5	34.3	25.0			_	10		40	
Darylling	Darjiling			-			:		_	-	. –	_		:		:	-	84	:	-	:	10 GEP		1		_	1		Ø 8	1 1	9
Daces				23	-		-		16.9	40			(P1	01	:	0-0	93	•	pre		49	9,001	1.91	2.0	į ga	-		-	0	3	
	-	i		sar.	01				14	19.9	:			:	:	4		-	-	:	e-0	1967	:	-			_	2	-		
Chistagong	-	:		 ;	1		3	5.29	193	100		_		:	:	:		***		1	-	9.25	:		_		_		_		1 1
T'ppersk				06	107	-	-	1	17.8 36	\$5.55 \$1.00	:			04	:	0-0	-	:		:	-	175.1		e0.		_				30.	
Patns	Patna City		g-d	100	11	H			10.2	10.0				ř	:	20		*	\$0	*	=	392.5	:	i	_	9.9.				188	
Gys	Gya	:		929	F		:	30	77.1 87	8778			_	ec		01	-	•	16	14	8	81976									
Shahnbad	Arrah	ė		10	80	-	-	-	9.4	Par	_	_	-	_			<b>573</b>	0 0	:			131.1	:	10.1				1 1		ŧ	•
Mosufferporn	Motufferpore	:		33	24				15.6	6.9		^ -	-	_		-	83		į	;	30	5.0.3	:	per per					9 1	: :	
Durbhangs	Durbhangs		,	1.6		-			- ·	53.7	-			e e e	90	61	-	91	91	-	-	S LIA		10.0			Zh.		79	7	
	Chopra	:	-	191	-	-	-					90	ent		96		*	:	:	;	39	110.4	101			0 ·	20			:	:
Bhagulpore	Bharulpore	:		un.	-					_		-		_		-	10		-		-	W.24	9.6	1		N.3 .			8.u	:	
Monthy r		:					O4	^ -			_	-				. 0		_			Per	140-1					12.1	13	80	<b>W</b> D	99 60
Purneah	-		_	_	· u			-			:	~	_				-									:	:			98	
Peats	Poori		120				-	-					: 94		: "	; 01			0 04		99	-	N	-	28		0.		Pro .	100	92
	Tores	-	T		_	-				-	-	1	1				1	!	1	1	12	43.5	64	1 2	1 =	12	27 2	9.	0	100	20 6 26

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 21st April 1890.

# PUBLIC WORKS DEPARTMENT, BENGAL.

# IRRIGATION BRANCH.

Statement showing heights over mean sca-level and low-reater in the Rivers Ganges, Bhagiruthee, Jolinghee, and Brahmapootra for the mouth of January 1890.

			William 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	
BRAHMAPONTHA.	Gowhatty.			Height over mean sea-level.	Fazabas 28 aakscassassassassassas
BRAHMAPO	Gowh			Bright over zero	48000000 00 000000000000000000000000000
RELIEVER	Serupenner.			Reight over ment acaderel	10000000000000000000000000000000000000
JREEL	Sartip			Weight over zero.	50000000000000000000000000000000000000
ET HEE.	Berhampore.			Height over mean ara-level.	在自己的
BRADILLI HEE.	Berhai			Height over zero.	\$5.88.44.45. 20 第四十分 20 20 20 20 20 20 20 20 20 20 20 20 20
	ndo.	ost	From Barapore	Height over even	Steeres se seerecapustinings
í	Gostundo.	102	From Bennes	Height	# # # # # # # # # # # # # # # # # # #
1	Beauleah	00	From Saheb-	Height over mean pra-nved.	
	Rampore	129	ertandi morti	Height ver gare.	CEOSESCO SECUENCIA SECUENC
		10	From Monghis	Height prer menn	25000000000000000000000000000000000000
	Sahehenage.	291	From Brance	Helght ofter term	22 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	onghy.	olt	Troping mon'y	Height over mean	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
GANGES.	Monk	LRZ	Vrom Benates	Helight ver gree.	10000000000000000000000000000000000000
R.ven	par.	20	wased mon?	The contract   The	
	Pinapur.	1 41	क्ष्मकार्थी वस्त्री	Height over tare.	######################################
	B.F.		ovianali musi	Hought west	
	Stataf	NO.		Height over beru.	型型型以及用分 第二二二二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二
	Dre.	91			ESTABLE DE LES PERSONS DE LA COMPANS DE LA C
	Been area	451	-ndalfA grow's	-	ERZZEGO PR BRANKRARACHI FF607700
	Pate.	90	find	Her	trings of annuarry structures
	Mirrapur		-वर्शवासि कारण	8	program in secondario de antido de la composició de la co
		.o.bill	. ontrasart	1 1	
			DATE.	9)	

G. A. G. SHAWE, Under-Secretary to the Gort. of Bengal. 35

CALCUTTA, The 21st April 1830.

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing quantities of Goods carried during the month of January 1890.

### ORISSA CIRCLE.

# TALDUNDA CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDA CANAL, 27 MILES. MACHGONG ,, 4 ,,

		_	TOTAL GOVERNMEN	T AND PRIVATE.		PRIV	ATE.	
Number of posts of raits.	Dimeripation.		Quantity-Tons.		Value,	Quantity.	Value.	
Ul fibress		Up.	Down.	Total.	Rupees.	Tons.	Rupera	REPRAREE
16	1. Grain	44	81	125	7,430	125	7,430	1
	2. Cotton ,		15	15	1 000	15	1 000	
2	3. Oilseeds			10	1,260	10	1,260	
	5. Piece-goods		*****	*****	101780	*****	*****	
	6. Metal	880	200	 n≈o	400	000 ***		
720	7. Building materials 8. Miscellaneous		372 69	372 69	423 390	69	20 390	
	9. Fuel	*****	4	4	25	4	25	
7 rafts	10. Timber No.	00000	60	60	142	60	• 142	1 5
9 31	11. Bamboon ,,		6,800	6,800	136	6,800	136	
6 boats	12. Total	{ <sup>44</sup>	541 & 6,860 No.	585 & 6,860 No.	3,806	220 & 6,860 No.	9,403	Y.
boats rafts.	13. Total of same month last year.	55	680 & 12,116 No.	735 & 12,116 No.	} 6,686 }	171 & 12,116 No.	6,107	
		Up.	Down.	Total.	1		Ba.	A. 1
(m) (1)	Town of Landa wiles							
	number of boats ply-	9	37	46	Total tollag	ge of month + 26 + 261	223	12
i. Total	number of boats					,,,		
ply	ring passenger No.	7	1	8	00-4-1 4-11			
54. Tota	al empty boats ,,	34	18	52	Total toll mouth las		498	2
	registered tonnage,		004	0.00		· J · · · ·		
	rge, private Tons	75	284	359				
64. Ditto	483		597	597	i			
me 7. Total			001	991	Me	morandum of	Tollage.	
e pas	ssenger Tons	168	1	169				
74. Ditte 8. Ton-r	o ditto, empty ,,	343 6,888	174 13,164	517 20,052			D	
	inted value of cargo Rs.	5,180	4,348	9,528	1. Balance	not recovere		A. P
		390	2	392	on the	he 1st of th	10	0 0
	ber of passengers	390			mont	h .	1	0 0
	, bamboos No.	001010	6,800	6,800	2. Tollage	per month .	223	12 2
	bullahs	p + + + + + + + + + + + + + + + + + + +	60	60				
. Estim	nated value of rafts Rs.	8 * * + + + + + + + + + + + + + + + + +	278	278				
. Tollag	ge on boats "	66-7-0	138-3-0	204-10-0	3.	Total .	224	12 2
. Comp	ounded tollage on Rs.	0404.	600.00	2 4 0 8 8 4		701 9 9		
Tollac	ge on rufts ,,	*****	12-4-2	12-4-2		counts of the		
	urrage of three beats,	6-14-0		6-14-0	mont		222	2 2
	tollage on bosts per	0-11-0						
	i-mite Rs.	*****	*****	0-0-1-95				
Total	tollage on rafts per oubic feet Rs.	40000	••••			due at the fithe month.		10 0

# KENDRAPARA CANAL SYSTEM.

# LENOTH OF CANAL OPEN, 75 MILES.

			TOTAL GOVERNM	ENT AND PRIVATE.		Pius	/ATM.	
Number of tents or rafts.	DESCRIPTION.		Quantity-Tona		Value,	Quantity.	Value.	
		Up.	Dows.	Total.	Rupesa.	Tons.	Rupost.	
236	1. Grain 2. Cotton	514	2,416 9 62	2,930 9 64	2,10,100 2,400 11,0%0	2,930 9 64	2,10,100 2,400 11.080	
5 25	3. Oilseeds 4. Salt 5. Piece-goods	2 50	42	98	11,650	98	11,650	
84 132	6. Metal 7. Building materials 8. Miscellaneous	992	1,234 391	1,234 1,388	16 460 2,78,110	507 1,383 15	15,110 2,78,110 1,040	
13 rafts 13 ,,	9. Fuel 10. Timber 11. Bamboos		11,076 o. ft. 7,425 "	11,076 c. ft. 7,425 ,,	1,040 2,990 700	11,076 c. ft.	2 990 700	
490 & 26 rafts.	12. <b>T</b> otal	{ 1,579	4,154 & 18,501 c. ft.	5,733 & } 18,501 c. ft. }	5,34,530 {	5,006 & 18,501 o.ft.	5,33,180	
394 & 43 rafts.	13. Total of same month last year.	{ 1,068	1.996 & 69,217 No.	3,064 & } 69,217 No. }	3,69,460 {	3,054 & 69,217 No.	3,69,420	
		Up.	Down.	Total.		1		
ing	number of boats ply- cargo No.	203	287	490		ge of month	_	
	number of boats ply- passenger No.	68	73	141	24 + 25	+,26	8,060	1
	empty boats ,,	353	169	522	Total tolls		me	
	registered tounage, o, private Tons	2,844	6,252	9,076	month last	year	5,374	0
	ditto, Government ,,	****	1,113	1,113			The season on	
17. Total passe	registered tonnage, enger Tous	2,545	1,852	4,397	M	emorandum o	f Tollage.	
7]. Ditto	litto empty boats "	2,814	546	3,360			Re.	-
8. Ton-mil		299,135	465,285	754,420		not recover	he	<b>8</b> -
	r of passengers	2,76,110 3,250	2,54,730 3,011	5,30,840	monti	3	4,742	12
1. Rafts, b		0,200	7,425	6,261 7,425	2. Tollage p	er month	8,060	9
2. Do., ti		***	11,076	11,076				
3. Estimat	ed value of rafts Rs.	*****	3,690	3,690		٠		
4. Tollage	on boats ,,	3,037-8-8	4,880-4-10	7,917-13-6	3.	Total	12,803	5
5. Compou boats		***************************************	*****	* * * 8 9 9	4. Amount	oredited	in	
6. Tollage		*****	142-11-8	142-11-8	month		5,772	1
7. Total to	ollage on boats per nile He.		##****	0-0-2 0				_
S. Total to	ollage on rafts per cubic feet its.	*****	400400	0-12-4		mouth	7,031	4

HIGH LEVEL CANAL, BANGE I.

LENGTH OF CANAL OPEN, 33 MILES.

			TOTAL GOVERNMEN	T AND PRIVATE.		Patv	ATE.		
Number of boats	Discription.		Quantity-Toos.		Value,	Quantity,	Value.		1980
Sarrer?		Up.	Down.	Total.	Ropees,	Tons.	Rupees.		REELAES
168 6 23 54	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods	469 5 54	142	469 9 54 142	2,500 4,570	469 9 54 142	81,130 2,500 4,570 11,940	0 0	7
31 65 23 12 rafts	6. Metal 7. Building materials 8. Miscellaneous 9. Fuel 10. Timber 11. Bamboos	106 107 184 13,272 c, ft.	80 69 138 1,812 c. ft.	186 176 184 13,410 c. ft. 1,812	970 9,890 510	106 176 184 13,410 o. ft 1,812 "	750 9,890 510 4,570	0	
370 & 16 rafts.	12. Total	925 & 13,272 c.ft.	295 & 1,950 o. ft.	1,220 & 15,222 c. ft.		{ 1,140 & 15,2220.ft	} 65,970	0	
289 & 8 rafts.	13. Total of same month last year	716 & 582 No.	205 & 15,900 No.	921 & 16,482 No.	\$ 56,060	836 & 16,482 No.	} 55,820		
		Up.	Down.	Total.	Total tolla	ge of mont	h_ Re	. 4	L 1
ing	number of boats ply- cargo No.	283	87	370	24 + 25 Total tollag	+ 26	900	0 10	
	passenger No.	2	5	7	last year	• • • •	648	3 12	
	empty boats	59	225	284	Me	morandum of	Tollage.		400
6. Total	registered tonnage, go, private Tons	1,926	503	2,429					_
64. Ditto	ditto, Government ,,		156	156			Re	. A.	. 3
	registered tonnage, menger Tons	19	88	52		not recove			
74. Ditte	empty boats "	203	845	1,048	month	ne lst of	363	2	
. Ton-m	nileage	51,965	34,094	86,059					
. Estim	ated value of cargo Re.	40,620	20,890	61,510	2. Tollage p	er month	900	10	1
. Numb	er of passengers	14	26	40					
. Rafts,	bamboos C. ft.	•••••	-1,812	1,812					
B. Do.,	timber "	13,272	138	13,410	3.	Total .	1,263	12	8
. Estima	ated value of rafts Rs.	4,520	160	4,680					
_	e on boats	511-9-10	245-9-8	757-3-1	4. Amount o	redited in the	he 1,006	6	1
boat	ounded tollage on Rs.	•	*****	*****					
. Tollage	o on rafts "	134-13-9	8-9-3	143-7-0					
Total i	tollage on boats par mile Rs.	*****	*****	0-0-1-7	5. Balance d			*	
Total 1	tollage on rafts per cubic feet Rs.		****	0-15-0	of the	monun	257	0	1

# HIGH LEVEL CANAL, RANGE II.

LENGTH OF CANAL OPEN, 121 MILES.

			TOTAL GOVERNMEN	IT AND PRIVATE.		Parv	ATE.	
Rumber of bunts or raits.	Description.		Quantity-Tons.		Value.	Quantity.	Value,	1
		Up.	Down.	Total.	Rupees.	Tons.	Ropees.	Breezen
55 1 2 9 48	1. Grain 2. Cotton 3. Oilseeds 4. Selt 5. Piece-goods 6. Metal 7. Building materials	151	4 36 49 49	152 1 8 36 49	140 768 5,110 13,860	1521 1 364 491	8,321 140 768 5,110 13,860	
27 rafts 6 ,,	8. Missellaneous 9. Fuel 10. Timber, 1,061 No 11. Bamboos 4,100 ,.	222 c. ft	37 2011 6,144 c. ft. 4,100 No.	42 2011 6,366 c. ft. 4,100 No.	5,358 693 3,102 123	6,366 c. ft. 4,100 No.	5,358 22 3,102 123	
165 33 rafts.	12. Total	161 ½ 222	403 6,144 c. ft. 4,100 No.	5644 6,366 c ft. 4,100 No.	37,407	297 6,366 c. ft. 4,100 No.	36,804	*
145 65 rafts.	13. Total of same month last year.	2554	33. } & 5,130 c ft. 36,550 No.	594 5,150 c. ft. 36,150 No.		3964 5,130 c. ft. 36,550 No.	32,560	
		Up.	Down.	Total.				
ing	number of boats ply- cargo No.	58	107	165	Total tolla 24 + 25	ge of month + 26		15
ing	number of boats ply- passenger No.	1	1	2	Total tolls	age of sa	me	
151. Ditto	empty boats ,.	112	59	171	month las	A	281	11
16. Total	registered tonnage, go and boat Tens	323	270	593				1
_	of Govt. boat "	* * • • •	556	536	M	Temorandum o	f Tollage.	,
	registered tonnage, enger Tons	6	3	9				
71. Ditto	of empty do. "	4175	144	5611				A, I
18. Ton-m	ileage	9,564	11,542	21,106		not recover he 1st of t	he	
19. Estima	ated value of cargo Rs.	9,398	24,789	34,182			***	0 4 9
20. Numb	er of passengers	4061	2681	675	0 100 11			
21. Bafts,	bamboos No.	***	4,100	4,100	2. Tollage	per month	299	15
22. Do.,	bullahs C. ft.	222	6,144	6,386				
23. Estima	ated value of rafts Rs.	30	3,195	3,225	3.	Total	299	15
24. Tollag	ge on boate "	91-12-6	159-7-0	251-3-6				
25. Composition	ounded tollage on Rs.	00		001000	4. Amount the a	ecounts of t	in the 300	4
_	ge on rafts ,,	0-9-9	48-1-9	48-11-6	200.00 40 0		300	-
	tollage on boats per -mile Rs.	00000	00100	0-0-2.2	5 Rolango	duo at the e	nd	-
	tollage on rafts per lis.	*****	****	0-12-0			0	5,

<sup>\*</sup> This excess remitted by the Toli Collector.

HIGH LEVEL CANAL, RANGE III.

LENGTH OF CANAL OPEN, 19 MILES.

			TOTAL GOVERNMEN	TAND PRIVATE.		Paiva		
Number of beats or raits.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Value.	388
*		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	REPLANCE
31	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods	71	3	74	4,747	74	4,747	
2 6 3 rafts 1 raft	6. Metal 7. Building materials 8. Miscellaneous 9. Fuel 10. Timber 11. Bamboos	00000	234 c. ft. 50 No.	11½ 29 234 c. ft. 50 No.	105 1,759 104 2	29 234o.ft. 50	1,759	
40 & 5	12. Total	{ 71	46 50 No. 234 c. ft.	117 50 No. 234 c. ft.	} 7,177	1054 50 No. 234 o.ft.	7,072	
79 & 6 raits.	13. Total of same month last year.	{ 101	281 & 7,872 c.ft.	129½ & 7,872 c. ft.	9,674	120¼ & 7,872e.ft.	9,425	
		Up.	Down,	Total.				
5. Total ing 51. Ditt	number of boats plying number of boats ply- number of boats ply- number of boats ply- number of boats ply- number of boats ply- number of boats ply- number of boats plying number of b	30 	10  29	40 	24 + 25	e of same mon	53 th	4
cargo	registered tonnage, and boat Tous	142	69 23	211 23	м	emorandum of	Tollage.	
	registered tonnage, saenger Tons	*****	*****	*****			Ra	. A.
71. Ditt	o empty ditto "	45	64	109	1 Balance	not recover		. д.
3. Ton-	mileage	2,514	1,862	4,876		he 1st of t	he	
9. Estin	nated value of cargo Rs.	4,312	2,759	7,071	шощ	a.s.	•••	
0. Num	ber of passengers	333	272	605	2. Tollage	per month	53	4
I. Raft	s, bamboos No.		50	50				
2. Do.,	, bullahs C. ft.	***	234	234	3.	Total .	53	4
3. Estin	nated value of rafts Rs.		106	106				
4. Tolla	ge on boats ,,	29-10-3	21-7-6	51-1-9	4. Amount	oredited :	in he	
5. Comp	ats tollage on Rs.	••••			mont	1.		4 (
6. Tolla	ge on rafts ,,	40000	2-2-3	2-2-3				
	tollage on boats per a-mile Rs.	••••	o - g+ + 0	0-0-2-01	5. Balance	due at the en	d	-
D PD / 2	tellage on rafts per			0-14-6			Ni	1

# JAJEPORE CANAL

# LENGTH OF CANAL OPEN, 64 MILES.

				TOTAL GOVERNMEN	T AND PRIVATE.		Parv	ATE,	
Number of beats or rafts.	Description.			Quantity-Tons.		Value.	Quantity.	Value.	
			Up.	Down.	Total.	Rupeen.	Tome.	Ruposs,	
1 2	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods 6. Metal		5	4	5 4	408 1,120	5	408 1,120	
22	7. Building mate 8. Miscellaneous			131	134	2,054	131	2,054	
1 Rafts	9. Fuel 10. Timber, 359 11. Bamboos	No.	******	2,154 4,100	2,154 o. ft. 4,100	173 123	2,154 o. ft. 4,100	178 123	
5 No. 4 Rafts.	12. Total	{	5	171 2,154 a. ft. 4,100 No.	221 2,154 c. ft. 4,100 No.	3,878	22½ & 2,154 o.ft. 4,100 No.	3,878	
5 No. 9 Rafta.	13. Total of a month last y	ame {	35 & 5,070 o.ft.		35 & 5,070 c. ft	5,492	24 & 5,070o.ft	5,460	
			Up.	Down,	Total.				
ing	g cargo	No.	1	24	25	Total tolla	ge of month		5
		No.	*****	1	1	24 + 25	+ 26	17	5
. Ditt	o empty ditto	99	27	6	38	Total toll	t moon	me 16	6
. Total		ons	10	35	45				
id. Ditt	o Govt. boat registered tonns	17	0 1 0 * 0	*****	\$40 · 6 •	. 11	emorandum q	Tollage.	
	-	ons		3	8			1	-
. Ditte	empty ditto	272	38	21	59				A.
Ton-m	nileage	***	288	336	624	on t		he l	
Estim	ated value of cargo	Ra.	408	8,174	3,582	mont	h		•••
Numb	per of passengers		1071	75}	181	2. Tollage	per month	17	5
Rafts,	, bamboos 1	No.		4,100	4,100				
. Do.,	bullahs C.	ft.		2,154	2,154	8.	Total	17	5
Estim	ated value of rafts l	Ba.	*****	296	296				
. Tollag	e on boats	99	3-7-6	6-4-0	9-11-6				
Compo	ounded tollage	on Rs.		018.00.	40.000	4. Amount the a	eccounts of t	in he	K
		99	******	7-10-2	7-10-2	MOUL		11	5
ton	-mile	Per Rs.	*****	*****	0-0-8-99	5. Balance	due at the	aud	
		per Rs.	. 1	* * * * * * * * * * * * * * * * * * * *	0-5-2				Vil

# SOUTH-WESTERN CIRCLE.

# MIDNAPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

			POTAL GOVERNMEN	PE AND PRIVATE.		FAI	TATE.		
or rafts-	Duscativios.		Quantity-Tons.	1	Value.	Quantity.	Vaiue.		REEL BES.
		Up.	Down.	Total,	Rupces,	Tons.	Eupres.		REE
951	1. Grain	5,157	366	5,523	2,64,507	5,523	2,61,507	-	
	2. Cotton 8. Oilseeds	99	19	118	10,013	118	10,01		
11	4. Salt		670	670	69,670	670	62,670		
11	5. Piece-goods	2	56	58	1,61,460	68	1 61, (6)		
24	6. Metal	106	125	231	1,73,285	231	1,73,285		
15	7. Building materials 8. Miscellaneous	446	7 592	1,038	596 7,53,673	22 1,038	7 50 405		
254	8. Miscellaneous 9. Fuel	53	52	105	895	105	7,53,678 P98		
13   O rafta	10. Timber	14,704 c. ft.	261 c. ft.	14,968 c. ft.		14,9680. ft.	7,52		
8 33	11. Bamboos	1,866 ,,	200 "	2,066 ,,		2,066 ,,	204		
,360 &	12. Total	5,953 & 16,570 o. ft.	1,887 & 464 c ft.	7,840 & 17,034 c. ft	14,41,830	{ 7,765 & 17,034c.ft.	} 14,41,420		
S rafts.		1 20,010 0.10.	101 6 16.	21,000	,	(17,0030.11.	,		
016 & rafta.	18. Total of same month last year.	9,081 & 89,600 c. ft.	2,043 & 299 o.ft	11,124 & 39,899 o. ft.	} 11,00,937	11,124 & 39,899 o.ft.	} 11,00,937		
		Up.	Down,	Total,			Rs	A	
					Total tollar	ge of mont		10	
4. Total	number of boats ply- cargo No.	1,054	312	1,366			11,043	10	
	number of boats ply- passenger No.	465	577	1,042	Total toll month las		16,125	1	
51. Ditt	to empty "	451	770	1,221			•		-
	registered tonnage, Tons	14,748	4,118	18,866	Me	morandum oj	Tollage.		
	l registered tonnage, ssenger Tons	3,798	3,474	7,272				-	-
74. Dit	to empty ,,	1,960	3,613	5,578			Rs.	A.	1
8. Ton-	mileage	4,65,736	2,26,135	6,91,871		not recove	red		
9. Esti	mated value of cargo Rs.	10,13,886	4,20,216	14,34,102	month	***	6,886		
0. Nun	aber of passengers	5,183	8,150	13,333	2. Tollage	per month	11,043	10	
1. Raft	s, bamboos C. ft.	1,866	200	2,066					-
2. Do.	, bullahe "	14,704	264	14,968	3.	Total	17,930	5	
23. Estin	mated value of rafts Rs.	7,015	713	7,728					
24. Tolla	age on boats ,,	7,285-10-3	3,492-1-0	10,777-11-3					
	pounded toilage on Rs.		040. 1		4. Amount treasury	4.			
26. Tolla	nge on rafts ,,	263-4-0	2-11-3	205-16-3	month		14,189	4	0
	al tollage on boats per a-mile Rs.	10000	P 0 P 8 a o	0.0.2.9	•				
28. Tota 10	al tollage on rafts per U cubic feet	****	00-100	1-9-0	5. Balance of the n	lue at the e	nd 3,741	1	

# HIDGELLEE TIDAL CANAL

# LENGTH OF CANAL OPEN, 29 MILES.

			TOTAL GOVERNME	IT AND PRIVATE.		Parva		
Number of boots or rafts.	DESCRIPTION.		Quantity - Tons.		Value.	Quantity.	Value.	
0. 10.		Up.	Down.	Total.	Rupres.	Tons.	Rupens.	
538	1. Grain	1,558	9	1,567	79,873	1,567	79,873	
***	2. Cotton						800-01	
2	3. Offseeds		4	4	330	4	830	
6	4. Salt	***	41	41	4,200	41	4,200	
1	5. Piece-goods		1	1	800		800	
2	6. Metal	18	11	29	6,000	11	8,000	
28	7. Building materials		134	141	7,496	141 189	7,496 20,539	
574	8. Miscellaneous 9. Fuel	102	194	194	1,857	194	1,857	ы
11	10 m: 1		126 c. ft.	126 o. ft.	129	126 o. ft.	129	
4 rafts	11. Bamboos		200 ,,	200 ,,	24	200 ,,	24	
2 ,,			,,,					
1,162 &	12. Total	{ 1,685	485 &	2,170 & } 326 c. ft. }	1,21,548 {	2,148 & 326 c. ft	1,18,248	
6 rafts.			326 c. ft.	920 G. It. )		020 G. IL	, , ,	
1,144 &	13. Total of same	1 2,662 &	639 &	3 301 & 5		3,211 &		
5 rafts.	month last year.	1,892 c. ft.	4,292 c ft	3,301 & 6,184 d. ft. }	1,81,748	6,184 o. ft	1,80,833	
		Up.	Down.	Total.		1 -	Ra.	A.
	number of boats ply- cargo No.	631	531	1,162	Total tollag	e of month- 26	1,517	6
	number of boats ply- pessenger No.	20	27	47	Total tolls month last	igé of san year	ne 2,783	15
5. Total oarg	registered tonnage,	3,741	2,022	5,763	Me	norandum of	Tollean	
	registered tonnage, senger Tons	116	124	240		207 (171211778 0)	Zounge.	_
. Ton-n	nileage	55,567	30,930	86,497			Re.	Α.
Estim	nated value of cargo Ra.	1,18,828	2.567	1,21,395				
Numb	er of passengers	216	192	408	on th	not recovere	10	
Rafts,	, bamboos C. ft.	******	200	200	month	•	2,739	
Do.,	buliahs "		126	126	2. Tollage	per month .	1,517	6
Estima	ated value of rafts Rs.		153	153	8. To	tml	1050	10
Tollag	e on boats ,,	971-10-9	542-0-6	1,513-11-3	20	,	4,256	13
Compo	ounded tollage on Re.		0-5-6	0-5-8	4. Amount	paid in	to	
	re on rafts ,,	000 40	3-6-0	3-6-0		y during th	10	1.4
							8,560	17
Total tou-	tollage on boats per mile Re.	*****	*****	0-0-3-3				
	tollage on rafts per oubic feet Rs		******	1-0-6	5. Balance	due at the	th 695	1/1

# SONE CIRCUE. PATNA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 86% MILES.

			TOTAL GOVERNME	ST AFD PRIVATE.		Paiva	TH.	-
Number of hoats or raits.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity.	Value.	Ralkabra
		Up.	Down.	Total.	Rupere,	Tous.	Rupees,	Ray
25	l. Grain	28	200	228	14,897	228	14,897	
8 8 7	2. Cotton	*****	*****		*****	*****		
8	3. Oileeeds	1	132	133	1	133	15,904	
	4. Salt	44	******	44	4,910	44	4,940	1
14	5. Piece-goods	89	7	96		96	36,255	
	6. Metal	11 80	1 74	12		12	4,822	
11	7. Building materials	110	412	104 522		55	420	
82	8. Miscellaneous	2		2	41,565	815	41,244	
1	9. Fuel rafts		48	48	2-1	48	50 231	
	( hoat	1	*****	1	70	1	70	
	10. Timber rafts	*****	86	86	2,125	86	2,125	
	Chart	112		112	4,675	112	4,675	
11	11. Bamboos { rafts	*** + 9 4	1,039	1,039	12,695	1,039	12,695	
152	12. Total	428	1,999	2,427	1,88,920	2,171	1,38,378	
135	13. Total of same							
100	mouth last year	484	1,495	1,943	1,44,254	1,680	1,42,590	
		Up.	Down,	Total.	1		Re.	Α.
(Poto)	number of boats ply-				Total tellage			. A.
	cargo No.	54	98	152	24 + 25 -	e of month-		L.,
	number of boats ply-			200	41 T 60 T	- 20	1,932	4
	passenger No.	6	5	11				
A. Ditto	empty boats "	51	28	79	Total tolla	ge of sam		
	registered tonnage,		- 11		month last		9 2 4 2	19
oarg	763	736	1,438	2,174		,	2,530	14
Total	registered tonnage,				ļ			
	enger Tous	205	164	369	76		Ø 11	
. Ditto	empty boats ,,	207	131	338		norandum of	Tollage.	
. Ton-m	ilesge	51,694	1,64,531	2,16,225			Rs.	Α.
. Estima	ated value of cargo Re.	68,254	55,565	1,23,819		not recovere		-
. Numb	er of passengers	3814	2491	631	month	lst of th	000	10
Rafts,	bamboos C. ft.	• • • • •	1,55,803	1,55,803	2. Tollage p	er month	. 1,982	4
. Do., 1	bullahs ,,	*****	10,077	10,077				
. Estime	ated value of rafts Rs.		15,101	15,101	0	Total	0.000	
. Tollag	e on boats ,,	313-4-6	737-9-3	1,050-13-9	8.	Total	2,331 1	13
. Compo		75-0-6	75-0-0	150-0-0				
hoata	Its.	,0-0-0		100-0-0	4. Amount	credited in		
. Tollage	e on rafts ,,		731-7-0	731-7-0	the accumenth.	ounts of the	1011	2 (
	tollage on boats per		*****	0-0-1.06				-
	mile Rs.							

# LENGTH OF CANAL OPEN, OF MILES.

			Total Governmen			Patv			
Number of boats or rafts,	Discription.		Quantity-Tons.		Value.	Quantity.	Value.		-
		Up.	Down.	Total,	Rupera.	Tona.	Rupoes,		Resares
20	1. Grain	26	212	238	20,675	238	20,675	1	
	2. Cotton	111104							
9	3. Oilseeds	1	167	168	18,808	168	18,808		
21	4. Salt	274		274	30,400	274	30,400		
2	5. Piece-goods	13		13	16 900	18	16,900	1	
***	6. Metal	5		5	42,645	5	42,645	1	
24	7. Building materials		236	236	329	144	226		
71	8. Misoellaneous	88	281	869	25,897	294	25,759		
4	9. Fuel	65		65	662	001		1	
* * *	10. Timber	000		000101			*****	1	
	Bullahs		376	376	2,870	376	2,870	1	
lafts.	11. Bamboos		318	318	3,033	318	3,033		
	(Firewood		752	752	8,102	762	3,102		
151	12. Total	4:2	2,342	2,814	1.65,281	2,582	1,64,418		
120	13. Total of same	370	1,202	1,572	91,926	1,323 1	90,374		
120	month last year.		2,000	2,010	02,000	1,720	30,013		
		Up.	Down.	Total.			Re	. A.	
		1			Total tollag	a of month	1-1		
. Total	number of boats ply-	39	112	151	24 + 25	90	1,501	14	
	cargo No.								
	number of boats ply-	1	1	. 2					
	passenger No.				Total tolla	ge of sar			
. Tota	l number of empty	92	12	104	month last		1,288	9	
bos. Total		730	1,462	2,192					
081	rgo Tons				_				
	registered tonnage.	60	62	122	Me	morandum of	Tollage.		
	senger Ions		1						
	l registered tonnage,	200	27	0.22				_	î
em	pty Tons	326	51	377	- 1		Ra	. A.	0
Ton-m	nileage	52,390	75,269	127,659					
TD _ 4:_	ated value of cargo Rs.	1,00,314	55,912	1 50 000	1. Balance				
12 Jann	ated varue of oargo 188.	1,00,012	00,012	1,56,226	month	lat of t		^	
Numb	er of passengers	829	856	1,685	топси		380	0	
Rafts,	bamboos C.ft.	••••	47,797	47,797	2. Tolinge p	er month	1,501	14	
-	bullahs ,,	******	28,254	28,254					
	Comment	0.0.4 > + + +	56,465	56,465				-	
			9,005		0	60 1		9.4	
ENIM	ated value of rafts Rs.	*****	8,000	9,005	8.	Total .	1,881	14	
Tollag	e on boats ,,	251-5-9	484-13-6	736-3-3	4	***			
0	medad tallage on				4. Amount		in		
	ounded tollage on Re.	228-0-0	228-0-0	150 0 0		counts of t		-	
boat	150.	220-V-V	220-0-0	456-0-0	month	***	1,746	2	
Tollage	on rafts ,,		309-10-9	309-10-9					
	Aullana on hants non							-	
FEET A. S.	tollage on boats per			0.01.70	E D				
			*****	0-0-1-79	o. Balance d	ue at the er	nd		
ton-		*****						0.0	
Total	tollage on rafts per ouble feet			0-3-8	of the n	A L	135	12	

# BUXAB CANAL SYSTEM.

# LENGTE OF CANAL OPEN, 67 MILES.

			TOTAL GOVERNMEN	I AND I MITAIL,		Palva	E. Bo	-	2
Number of hours or raise.	Description.	•	Quantity-Tone.		182	Value.	-	REMARKS	
		Up.	Down.	Total.	Rapece.	Tona.	Rupees.		Na.
13	1. Grain 2. Cotton 3. Oilseeds	92	90	2 144	3,310 14,336	2	8,661 8,310 14,336		
9	5. Piece-goods 6. Metal 7. Building materials	2	125	2	1,244	2	1,244 413		
26	8. Miscellaneous 9. Fuel 10. Timber	11	373 103	103	26,965	.384	26,965 1,089		
lafts	11. Bamboos		56	56	1,053	56	1,053		
55	12. Total	110	890	1,000	58,140	895	57,215		
33	13. Total of same month last year.	16	893	909	87,198	904	37,048		
		Up.	Down.	Total.				1	
ing	number of boats ply- cargo No. number of boats ply-	7	48	55	Total tollage of month—  24 + 25 + 26  Total tollage of same		Rs	<b>A</b> .	
	passenger No.	12 39	11 10				201	2	
OBI		142	1,096	1,238				10	
	registered tonnage, menger Tons	256	230	486					
7}. Ditt	o empty "	139	31	170	10	omonondum as	f Tallana		
8. Ton-1	nileage	9,113	29,306	38,419			1 tostage.		
9. Estin	nated value of cargo Rs.	9,191	46,807	55,998			Rs	A.	
0. Numi	ber of passengers	698	699	1,292	1. Balance	not recovere	d		
1. Rafte	, bamboos C. ft.	*****	8,427	8,427			61	6	
2. Do.,	bullahe "		7,774	7,774	2. Tollage	per month .	569	2	
8. Estin	nated value of rafts Rs.		2,142	2,142			000	-	
4. Tella	ge on boats "	78-13-9	238-4-6	312-2-3	3.	Total	630	8	
b. Comp	ounded tollage on Ra.	107-0-0	107-0-0	214-0-0	4. Amount	credited i	n		
6. Tolla	ge on rafts ,,		42-15-9	42-15-9	the ac	counts of th	6 .	9	
	tollage on boats per lamile Rs.	•40.00	*****	0-0-2-62					
	tollage on rafts per la cubic feet Rs.		*****	0-4-2	5. Balance of the	month		14	

# ABSTRACT FOR THE MONTH OF JANUARY 1890 AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

4		TH	LPF1C,	2000-00.				The	PFIG,	1000-00,			
CAPAL-	During the	mont	h.	To end of the	0 700	nth.	During the	ment	h.	To end of the	шов	th.	RHWARES,
Orices Cirole.	Ra.	A.	P.	Re.	A	. P.	Ra.	A.	P.	Re.	A.	P.	
Taldunda Canal System	223	12	2	3,055	7	3	498	2	6	2,320	0	0	
Kendrapara Canal System	8,060	9	2	44,501	4	3	5,874		0	39,732		6	
High Level, Range I	900	-	1	6,133			643		6	4,914		0	
Ditto " II	299	15	0	2,412			281 93	11	6	2,016	10	6	
Ditto " III	53	4	8	1,029	6	9 7	16	5 6	6	896 74	4	6	- 176
Jajepore Canal	17	0	0	84	-		10	0	4	12	7	7.5	
Total Orisea Circle	9,555	8	1	57,229	8	8	6,907	12	2	49,975	1	5	
South-Western Circle.					_								0
Midnapore Canal	11,043	10	6	1,17,206	6	0	16.125	1	0	1,17,474	8	9	
Hidgeliee Tidal Canal	1,517	6	9	38,338			2,783		0	47,485	4	0	
	-	_	-		_			-			_	-	
Total South-Western Circle	12,561	1	8	1,55,545	2	6	18,909	0	0	1,64,959	12	9	
•					-						-		
Sone Circle.													
Patna Canal System	1,932	4	9	20,226	19	6	1,545	10	9	20,916	11	6	
1 1 1'44	1.501	14	0	15,308			1,288	9	0	16,237		2	
Buxer ditto	569	2	0	5,837		8	835		8		5	9	
				3,001	_								
Total Sone Circle	4,003	4	9	41,378	0	10	8,670	0	0	44,765	13	5	
GRAND TOTAL	26.119	14	1	2,54,147	11	7	29,456	12	2	2,59,700	10	7	

# GOVERNMENT TRANSPORT SERVICE.

			TRAFFIC	1800-00,						TRAPPI	C, 1886-89,		
CAMAL		During th	o month.	Te	end of	be men	ili.		During ti	se month,	10	o and of th	to month.
	Pameto- gues,	Goods.	Total receipts.	Passon- gues,	Goods,	Total	ransipt	Panne gera.	Goods.	Total receipts	Passers.	Goods.	Total receipts
Orisea Circle.	No.	Mds.	Rs. 4. P.	No.	Mds.	Ra.	A. 3	. No.	Mds.	Rs. A. P	No.	Mds.	Ro. a.
High Level	1,281	970	1.178 7 10	6,790	6,837	8 290	12 4	638	1,303	1,007 9 2	4,849	4,024	5,186 0
Total Orison Circle	1,231	970	1,175 7 10	6,780	6,837	8,290	13 4	688	1,808	1,007 9 2	4,849	4,024	5,185 0

## TOTAL NAVIGATION RECEIPTS.

			RAB	315.00	, 1809-00.				BARR	118 <b>9</b> 4,	1800-00.			ROMANES.
CANAL.		During the	mont	b.	To end of the	mos	th.	During the s	menth	1.	To end of the	month	1.	2022000
		Re.	٨.	P.	Ra.	Α.	p.	Re.	A.	P.	Rs.	A.	P.	
Friesa Canals		10,780 11,043		11 6 9	65,520 1,17,206 38,334	6	7 0 6	7,915 16,125	1	4 0	55,110 1,17,474	1 8	9	
lidgellee Tidal Canal one Canals	081	1,517 4,003	4	9	41,373	-	10	2,783 3,670	15	0	47,485 44.765	12	5	
Total		27,295	5	11	2,62,438	7	11	30,494	5	4	2,64,835	10	11	

CALCUTTA,

The 2 and April 1890.

G. A. G. SHAWE,

Under-Secy. to the Goot. of Bengal.

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

# SOUTH-WESTERN CIRCLE.

#### NUDDEA RIVERS.

Statement showing quantities of Goods carried during the month of February 1890.

			Total Government	AND PREVATE.		PRIVATE.	1	
Number of boats or rafts.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity,	Vaine.	B.D.
(10)344		Up.	Down.	Total.	Rupees,	Tons	Rupees,	REMARKS
857	1. Grain	8,438	2,817	6,250	3,23,371	6,250	3,23,371	
	2. Cotton	*****						
37	3. Oilseeds	****	483	483	55,763	483	55,763	žė
251	4. Salt	2,170	*****	2,170	1,85,345	2,170	1,85,345	N.
	5. Piece-goods	40000		*****	00 705	,		-
29	6. Metal	118.5	24.25	142.75	83,507	142.75	83,507	bha:
13	7. Building materials	153	1	154	2,505	154	2,505	
693	8. Miscellaneous	2,114	4,386.5	6,500.5	9,98,010	6,500.5	9,98,010	
120	9 Fuel	1,361.8	142	1,503.8	19,254	1,503 8	19,254	
Rafta 193	10. Timber	1,357 o.ft.	47,715 c. ft.	49,066 c. ft.		49,066 c.ft.	1,32,803	
,, 2	11. Bamboos	*****	2,750 ,,	2,750 ,,	275	2,750 ,,	275	100
2,000 &	12. Total	€ 9,350-3 &	7,853.75 &	17,294.05 &	7 10 00 000	€ 17,204.05 &	20000000	d'a
195 raits.		1,857 o. ft.	50,465 o. ft.	51,816 c. ft.	} 18,00,833	[ 51,816c.ft	} 18,00,833	Meur
1,645 €	18. Total of same	∫ 6,204 &	7,465 &	13,669 &	13,70,275	13,669 &	13,70,275	. 44
13 rafts.	month last year	848 c. ft.	8,420 a. ft.	4,268 c. ft.	310,10,210	4,268 c. ft.	10,10,210	Ì
		Up.	Down	0-1-1				
			DOM!!	Total.				
			DOWIII.	Total.	M + 1 + 11		Rs. A.	P
	land back alo		JOWIE,	20084.		e of month—		
	number of boats ply-				Total tollag 24+25+2		Rs. A. 10,237 15	
in	g ourgo No.	1,208	792	2,000	24 + 25 + 2			
in 14a. Ditt	g cargo No. to empty boats, ,,				24+25+2  Total tolls	ge of same	10,237 15	
in 14a. Ditt 15. Total	g curgo to empty boats, I number of boats ply-	1,208 613	792 808	2,000 1,011	24 + 25 + 2	ge of same		
in 14a. Ditt 15. Total	g cargo No. to empty boats, I number of boats g passenger No.	1,208 613 834	792 808 729	2,000 1,011 1,563	24+25+2  Total tolls	ge of same	10,237 15	
in 14a. Ditt 15. Total in 15a. D	g cargo to empty boats, l number of boats ply- g passenger No.	1,208 613	792 808	2,000 1,011	24+25+2 Total tolls month last	age of same	8,106 6	
in 14a. Ditt 15. Total in 15a. D 16. Total	g cargo to empty boats, I number of boats ply- g passenger No. Ditto empty boats, I registered tonnage.	1,208 613 834 11	792 808 729 8	2,000 1,011 1,563 14	24+25+2 Total tolls month last	ge of same	8,106 6	-
in 14a. Ditt 15. Total in 15a. D 16. Total	g cargo to empty boats, l number of boats ply- g passenger No.	1,208 613 834 11 26,067	792 808 729 8	2,000 1,011 1,563 14 43,183	24+25+2 Total tolls month last	age of same	8,106 6	-
in ida. Ditt ib. Total in in in in in in in in in in in in in i	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons	1,208 613 834 11	792 808 729 8	2,000 1,011 1,563 14	24+25+2 Total tolls month last	ge of same year	10,237 15 8,106 6	(
in i4a. Ditt 15. Total in 15a. D 16. Total ca 17. Total 18. Tou-	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage	1,208 613 834 11 26,067	792 808 729 8 17,116	2,000 1,011 1,563 14 43,183	Total tolls month last  Me	ge of same year	8,106 6	(
in 14a. Ditt 15. Total 15a. D 16. Total ca 17. Tota ps 18. Tou- 19. Estir	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs	1,208 613 834 11 26,067 131	792 898 729 8 17,116 135	2,000 1,011 1,563 14 43,183 266 	Total tolls month last  Me  1. Balance on th	age of same year	10,237 15 8,106 6 Collage.	
in 14a. Ditt 15. Total in 15a. D 16. Total ca 17. Tota pr 18. Tou- 19. Estiv 20. Num	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Ra seer of passengers No.	1,208 613 834 11 26,067	792 808 729 8 17,116 135  8,60,261 2,962	2,000 1,011 1,563 14 43,183 266 	Total tolls month last  Me	age of same year	10,237 15 8,106 6	
in 14a. Ditt 15. Total in 15a. Ditt 16. Total ca 17. Total print 18. Tou-19. Estim 20. Num 21. Raft	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Ra seer of passengers No. s, bamboos O. ft.	1,208 613 834 11 26,067 131 8,07,494 2,069	792 808 729 8 17,116 135  8,60,261 2,962 2,750	2,000 1,011 1,563 14 43,183 266 16,67,755 5,021 2,750	Total tolls month last  Me  1. Balance on the month	age of same year  morandum of a  not recovered to lat of the	10,237 15 8,106 6 Collage. Rs. A.	
in 4a. Ditt 5. Total in 15a. Ditt 6. Total ca 17. Tota pr 18. Tou-19. Estiv 20. Num 21. Baft 22. Do.	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs aber of passengers No. s, bamboos O. ft. bullahs	1,208 613 834 11 26,067 131 8,07,494 2,069	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715	2,000 1,011 1,563 14 43,183 266 16,67,755 5,021 2,750 49,066	Total tolls month last  Me  1. Balance on th	age of same year  morandum of a  not recovered to lat of the	10,237 15 8,106 6 Collage.	
in 14a. Ditt 15. Total in 15a. Ditt 16. Total ca 17. Total print 18. Tou-19. Estim 20. Num 21. Baft 22. Do. 23. Estim	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs ber of passengers No. s, bamboos O. ft. bullahs mated value of rafts Rs.	1,208 613 834 11 26,067 131 8,07,494 2,069	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715 1,30,800	2,000 1,011 1,563 14 43,183 266 16,67,755 5.021 2,750 49,066 1,33,078	Total tolls month last  Me  1. Balance on the month of the second	not recovered the lat of the lat	10,237 15 8,106 6 Collage.  Rs. A. 349 3 10,237 15	
in 14a. Ditt 15. Total 15a. Ditt 16. Total 17. Total 18. Tou-19. Estiv 20. Num 21. Baft 22. Do. 23. Estiv 24. Tolls	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs ber of passengers No. s, bamboos O. ft. bullahs mated value of rafts Rs. age on boats	1,208 613 834 11 26,067 131 8,07,494 2,069	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715	2,000 1,011 1,563 14 43,183 266 16,67,755 5,021 2,750 49,066	Total tolls month last  Me  1. Balance on the month	not recovered the lat of the lat	10,237 15 8,106 6 Collage. Rs. A.	
in 14a. Ditt 15. Total in 15a. Ditt 16. Total ca 17. Total pi 18. Tou-19. Estin 20. Num 21. Raft 22. Do. 23. Estin 24. Tolls 25, Com	g cargo to empty boats, I number of boats ply- g passenger No. litto empty boats I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Ra abor of passengers No. a, bamboos O. ft. bullahs mated value of rafts Rs. age on boats pounded tollage on	1,208 613 834 11 26,067 131 8,07,494 2,069  1,351 2,278 5,140-10-6	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715 1,30,800 4,383-15-6	2,000 1,011 1,563 14 43,183 266 16,67,755 5.021 2,750 49,066 1,33,078 9,524-10-0	Total tolls month last  Me  1. Balance on the month  2. Tollage p  3. Total	not recovered the lat of the the the the the the the the the the	10,237 15 8,106 6 Collage.  Rs. A. 349 3 10,237 15	
in 14a. Ditt 15. Total 15a. Ditt 16. Total 17. Total 18. Tou-19. Estiv 20. Num 21. Raft 22. Do. 23. Estiv 24. Tolls 25, Combo	g cargo to empty boats, I number of boats ply- g passenger No. Ditto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs ber of passengers No. s, bamboos O. ft. bullahs mated value of rafts Rs. age on boats pounded tollage on oats pounded tollage on oats	1,208 613 834 11 26,067 131 8,07,494 2,069 1,351 2,278 5,140-10-6	792 808 729 8 17,116 135  6,60,261 2,962 2,750 47,715 1,30,800 4,383-15-6	2,000 1,011 1,563 14 43,183 266 	Total tolls month last  Me  1. Balance on the month  2. Tollage p  3. Total  4. Amount	not recovered the lat of the remonth	10,237 15 8,106 6 Collage.  Rs. A. 349 3 10,237 15	
in 14a. Ditt 15a	g cargo to empty boats, I number of boats ply- g passenger No. Ditto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs aber of passengers No. a, bamboos O. ft. bullahs mated value of rafts Rs. age on boats pounded tollage on oats age on rafts	1,208 613 834 11 26,067 131 8,07,494 2,069  1,351 2,278 5,140-10-6	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715 1,30,800 4,383-15-6	2,000 1,011 1,563 14 43,183 266 16,67,755 5.021 2,750 49,066 1,33,078 9,524-10-0	Total tolls month last  Me  1. Balance on the month  2. Tollage p  3. Total  4. Amount treasu	not recovered to let of the month  paid into try during the	10,237 15 8,106 6 Follage.  Rs. A. 349 3 10,237 15 10,587 3	
in 14a. Ditt 15. Total 15a. Ditt 16. Total 17. Tota 19. Estin 20. Num 21. Raft 22. Do. 23. Estin 24. Tolls 25, Com 26. Tolls 27. Tota	g cargo to empty boats, I number of boats ply- g passenger No. Ditto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs aber of passengers No. a, bamboos O. ft. bullahs mated value of rafts Rs. age on boats pounded tollage on oats age on rafts d tollage on boats per	1,208 613 834 11 26,067 131 8,07,494 2,069 1,351 2,278 5,140-10-6	792 808 729 8 17,116 135  8,60,261 2,962 2,750 47,715 1,30,800 4,383-15-6	2,000 1,011 1,563 14 43,183 266 16,67,755 5.021 2,750 49,066 1,33,078 9,524-10-0	Total tolls month last  Me  1. Balance on the month  2. Tollage p  3. Total  4. Amount	not recovered the lat of the paid into try during the	10,237 15 8,106 6 Collage.  Rs. A. 349 3 10,237 15	
in 14a, Ditt 15. Total 15a, Ditt 15a, Ditt 15a, Ditt 15a, Ditt 17. Total 18. Ton-19. Estin 221. Raft 222. Do. 23. Estin 24. Tolls 25, Combo 26. Tolli 27. Total	g cargo to empty boats, I number of boats ply- g passenger No. Ditto empty boats, I registered tonnage. Tons I registered tonnage, assenger Tons mileage mated value of cargo Rs aber of passengers No. a, bamboos O. ft. bullahs mated value of rafts Rs. age on boats pounded tollage on oats age on rafts	1,208 613 834 11 26,067 131 8,07,494 2,069 1,351 2,278 5,140-10-6	792 808 729 8 17,116 135  6,60,261 2,962 2,750 47,715 1,30,800 4,383-15-6	2,000 1,011 1,563 14 43,183 266 	Total tolls month last  Me  1. Balance on the month  2. Tollage p  3. Total  4. Amount treasu	not recovered the lat of the paid into try during the	10,237 15 8,106 6 Follage.  Rs. A. 349 3 10,237 15 10,587 3	

<sup>.</sup> Buste in these rivers do not pay per mile.

Abstract for the month of February 1890 as compared with the corresponding month of the previous year.

				RO-80.		18-89.
			During the month.	To end of the month.	During the month.	To end of the mouth
	The second secon		Rs. A. P.	Re. A. P.	Re. A. P.	Rs. A.
Tollage	•••		10.287 15 6	1,78,112 12 3	8,106 6 0	1,83,793 7 2

CALCUTEL

The 22nd April 1/10.

G. A. G. SHAWL, Under Secy to the Govi, of Fengal.

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

# SOUTH-WESTERN CIRCLE. ORISSA COAST CANAL SYSTEM.

LENGTH OF CANAL OPEN, 97} MILES.

Statement showing quantities of Goods carried during the month of Lebruary 1890.

					TOTAL GOVERNMEN	P AND PRIVATE.		Par	VATE.	
Fumber of bests or		Discription.			Quantity-Tons.		Value.	Quantity.	Value.	RESEABLE.
				Up.	Down.	Total.	Rupees.	Tons.	Rupens	Pan
338	1.	Grain	• • •	3,045	88	8,133	1,20,667	8,183	1,20,667	
	2.	Cotton		••••	*****	*****		***		П
6	3.	Oilseeds		8	*****	8	945	8	945	
20	4.	Sait			120	120	14,025	120	14,025	
8	5.	Piece-goods	B	000000	28	28	4,228	28	4,228	
	6.	Metal	* * *			00000	80			
39	7.	Buildingma	terials	31	60	91	492	53	322	
782	8.	Miscellaneo	us	229	490	719	71,861	6×1	71,671	
21	9.	Fuel		1	381	382	4,618	382	4,618	
Rafts 12	.10.	Timber		1,100 a. ft.	522 c. ft.	1,622 o. ft.	8,152	1,622 o ft.	3,152	
,, 11	11.	Bamboos	***	450 "	275 "	725 ,,	86	725 ,,	86	
3.0143	**	FD 4 3		( 3,314 &	1,167 &	4,481 &	} 2,20,074	(4,405 €	1010714	
1,214 } 23 rafts }	12.	Total	•••	1,550 o. ft.	797 c. ft	2,347 c. ft.	3 4,20,014	2,347 o.ft.	2,19,714	
1,489)	13.	Total of	same	3,766 &	1,160 &	4,926 &	2,23,178	₹4,822 &	2001000	
27 rafts }		month las	t vear	537 o. ft.	1,800 c. ft.	2,337 o. ft.	1 0,00,110	1 2,337 c.ft.	2,21,395	
P. 107709 )				001 01 00	2,000 01 101	2,001 0. 20.	,	£ 4,001 0.20.	, ,	
			1	Up.	Down.	Total.	· ·		Be.	<u> </u>
	numb	er of boats	1		1			ge of monti	Re.	A.,
14. Total	go	er of boats	plying No.		1		24+25+	ge of month	Re.	A. 12
14. Total	go	4	plying No.	Up.	Down.	Total.	24+25+2 Total toll	ge of montl	Re.	A. 12
14. Total : car 15. Total ing	go num passe	er of boats	plying No.	Up.	Down.	Total.	24+25+	ge of montl	Be. 5,866	A. 12
14. Total : car 15. Total ing	go num passe	er of boats	plying No.	Up. 566	Down. 648	1,214 164	24+25+2 Total toll	ge of montl	Rs. 5,866	
14. Total : car; 15. Total ing (6. Total car;	num passe reg	per of boats ber of boat enger istered to	plying No.	Up. 566	Down. 648	Total.	24+25+2 Total toll	ge of montl	Rs. 5,866	
14. Total : car; 15. Total ing 16. Total car;	num passe reg	ber of boats	plying No. No. nnage, Tons nnage,	Up. 566 94 6,577	10wn. 648 70	1,214 164 10,915	24+25+: Total toli month las	ge of month	Rs. 5,866 me 6,946	
14. Total car; 15. Total ing 16. Total car; 17. Total pass	passe reg reg	ber of boats ber of boat enger istered tor istered tor	plying No. Ply- No. nnage, Tons	Up. 566	10wn. 648 70	1,214 164	24+25+: Total toli month las	ge of montl	Rs. 5,866 me 6,946	
14. Total car 15. Total ing 16. Total car 7. Total pass 8. Ton-m	passe reg reg regulares	ber of boats ber of boat enger istered tor istered tor	plying No. Ply- No. nnage, Tons nnage,	Up. 566 94 6,577	10wa. 648 70 4,388	1,214 164 10,915	24+25+: Total toli month las	ge of month	Rs. 5,866 me 6,946	
14. Total : car; 15. Total ing (6. Total car; 7. Total pass 18. Ton-m 19. Estime	passe reg reg senger ileage	ber of boats ber of boat enger istered tor istered tor enger alue of carg	plying No. Ply- No. nnage, Tons nnage,	Up. 566 94 6,577 883	10 de la 10	1,214 164 10,915 1,769	24+25+: Total toli month las	ge of month	Rs. 5,866 ms 6,946	7
14. Total : car; l5. Total ing (6. Total car; 7. Total pass 8. Ton-m 9. Estime 20. Number 1	go num passe reg reg senger ileage ated ver of	ber of boats ber of boat enger istered tor istered tor enger alue of carg passengers	plying No. Ply- No. nnage, Tons nnage,	Up. 566 94 6,577 883 183,046	10 de la 150,183	1,214 164 10,915 1,769 333,229	24+25+: Total toli month las	ge of monti age of sa t year	Re. 5,866 me 6,946 Tollage.	7
14. Total car 15. Total ing 16. Total car 7. Total pass 18. Ton-m 19. Estime 20. Numbo	passe reg reg senger ileage ated v er of bam	ber of boats ber of boat enger istered tor istered tor e alue of carg passengers boos	plying No. Ply- No. nnage, Tons nnage, Tons nnage, Tons	Up. 566 94 6,577 883 183,046 130,316	048 70 4,388 886 150,183 86,520	1,214 164 10,915 1,769 333,229 2,16,836	24+25+: Total toli month las  Me	ge of month	Re. 5,866 me 6,946  Tollage.	7
14. Total: car 15. Total ing 16. Total car 17. Total pass 18. Ton-m 19. Estime 20. Numb 21. Rafts, 22. Do.,	passe reggo reggieleage ideage ated ver of bamb	ber of boats ber of boat enger istered tor istered tor alue of carg passengers boos hs	plying No. ply- No. mage, Tons anage, Tons C. ft.	883 183,046 130,316 2,223	886 150,183 86,520 2,857	1,214 164 10,915 1,769 333,229 2,16,836 5,080	24+25+: Total toli month las  Me  1. Balance on the l	ge of month	Re. 5,866 me 6,946  Tollage.  Re. red 4,681	7 4.
14. Total car car ing ing if. Total car ing if. Total car ing if. Total pass if. Ton-m if. Estims if. Rafts, Do., 23. Estims	passe reggo reggieleage ideage ideage ated ver of bamb bulla	ber of boats ber of boat mger istered tor istered tor e alue of carg passengers bose hs calue of rafts	plying No. ply- No. mage, Tons nage, Tons C. ft.	883 183,046 130,316 2,223 450	886 150,183 86,520 2,857 275	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725	24+25+: Total toli month las  Me	ge of month	Re. 5,866 me 6,946  Tollage.	7 4.
14. Total car car ing ing if. Total car ing if. Total car ing if. Total car ing if. Total pass if. Ton-m if. Estimate if. Do., if. Do., if. Estimate if. Tollage.	passe regressileage ated ver of bamil bullanted ver on h	ber of boats ber of boat mger istered tor istered tor e salue of carg passengers boos hs calue of rafts	plying No. ply- No. mage, Tons anage, Tons C. ft.	883 183,046 130,316 2,223 450 1,100	886 150,183 86,520 2,857 275 522	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622	24+25+: Total tolimonth las  Me  1. Balance on the last Toliage p	ge of montiles age of sat year morandum of not recover st of the moner month	Re. 5,866 me 6,946  Tollage.  Re. 4,681 5,866	7 4. 12 12
14. Total ing 15. Total ing 16. Total car 17. Total 18. Ton-m 18. Ton-m 19. Estims 20. Number 21. Rafts, 22. Do., 23. Estims 24. Tollage 25. Compo	passe reggo reggo sengenties ated ver of bamb bullanted ver on bunder	ber of boats ber of boat mger istered tor istered tor e salue of carg passengers boos hs calue of rafts	plying No. In ply- No. Innage, Tons Innage, Tons C. ft. Rs.	883 183,046 130,316 2,223 450 1,100 1,799	886 150,183 86,520 2,857 275 522 1,439	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238	24+25+: Total toli month las  Me  1. Balance on the l	ge of montiles age of sat year morandum of not recover st of the moner month	Re. 5,866 me 6,946  Tollage.  Re. red 4,681	7 4. 12
14. Total car car ing ing if. Total car ing if. Total pass if. Total pass if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima if. Ton-m if. Estima i	passe reg reg senger ileage ated v er of bamb bulla ated v e on b	ber of boats ber of boats nger istered tor istered tor e salue of carg passengers boos ha alue of rafts outs tollage	plying No. ply- No. nnage, Tons nnage, Tons C. ft. Rs.	883 183,046 130,316 2,223 450 1,100 1,799	886 150,183 86,520 2,857 275 522 1,439	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238	24+25+: Total toli month las  Me  1. Balance on the l 2. Tollage p 3.	ge of month age of sa t year  morandum of  not recover let of the moner month  Total	Re. 5,866 me 6,946  Tollage.  Re. 4,681 5,866 10,548	7 4. 12 12
14. Total car car car car car car car car car car	passe reg reg senge ileage ated v er of bamb bulla ated v e on b	ber of boats ber of boats nger istered tor istered tor e alue of carg passengers boos hs alue of rafts ocats it tollage	plying No. s ply- No. nnage, Tons nnage, Tons C. ft. Rs. on Rs.	883 183,046 130,316 2,223 450 1,100 1,799 4,787-0-6	848 70 4,388 886 150,183 86,520 2,857 275 522 1,439 1,056-9-0	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238 5,843-9-6 0-1-9	24+25+: Total toli month las  Me  1. Balance on the l 2. Tollage i 3. 4. Amount	ge of month age of sa t year  morandum of  not recover lat of the mo per mouth  Total  paid ir	Re. 5,866 me 6,946  Totlage.  Re. 4,681 5,866 10,548	7 4. 12 12
14. Total car car car car car car car car car car	passe reg reg senge ileage ated v er of balla ated v e on a	ber of boats ber of boats nger istered tor istered tor e salue of carg passengers boos ha alue of rafts outs tollage	plying No. In ply- No. Innage, Tons Innage, Tons Innage, Tons Innage, Tons Innage, Tons Innage, Tons Innage, I	883 183,046 130,316 2,223 450 1,100 1,799 4,787-0-6	848 70 4,388 886 150,183 86,520 2,857 275 522 1,439 1,056-9-0	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238 5,843-9-6	24+25+: Total toli month las  Me  1. Balance on the l 2. Tollage i 3. 4. Amount treasury	ge of month 26 age of sa t year morandum of not recover st of the moner month Total paid in during t	Re. 5,866 me 6,946  Tollage.  Re. 4,681 5,866 min bine	7 12 12 8
14. Total rear 15. Total ing 16. Total pass 18. Ton-m 19. Estime 20. Number 21. Do., 23. Estims 24. Tollage 25. Compoboat 26. Tollage 27. Total ton-	passe regge sengenties ated ver of bamb bullanted ver on hunder to on it	ber of boats ber of boats nger istered tor istered tor e salue of carg passengers boos hs alue of rafts ooats d tollage rafts ge on boats	plying No. s ply- No. nnage, Tons nage, Tons C. ft. Rs. on Rs. per Rs.	883 183,046 130,316 2,223 450 1,100 1,799 4,787-0-6	848 70 4,388 886 150,183 86,520 2,857 275 522 1,439 1,056-9-0	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238 5,843-9-6 0-1-9 23-1-0	24+25+: Total toli month las  Me  1. Balance on the l 2. Tollage i 3. 4. Amount	ge of month 26 age of sa t year morandum of not recover st of the moner month Total paid in during t	Re. 5,866 me 6,946  Totlage.  Re. 4,681 5,866 10,548	7 12 12 8
14. Total rear car car car car car car car car car c	passe reg senge ileage ated v er of baula ated v e on a tundents e on a tollag- mile	ber of boats ber of boats nger istered tor istered tor e alue of carg passengers boos has alue of rafts coats d tollage rafts se on boats	plying No. s ply- No. nnage, Tons nnage, Tons C. ft. Rs. on Rs. y per Rs. er 100	883 183,046 130,316 2,223 450 1,100 1,799 4,787-0-6	886 150,183 80,520 2,857 275 622 1,439 1,056-9-0 0-1-9 1-13-0	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238 5,843-9-6 0-1-9	24+25+: Total toli month las  Me  1. Balance on the l 2. Toliage i 3. 4. Amount treasury month	ge of month age of sa t year  morandum of  not recover st of the mover mouth  Total  paid ir during t	Re. 5,866 me 6,946  Tollage.  Re. 4,681 5,866 10,548 its he 4,694	7 4. 12 12 8
14. Total rear car car car car car car car car car c	passe reg sengenileage ated ver of bamil bullanted ver on in te on in tollage mile	ber of boats ber of boats nger istered tor istered tor e alue of carg passengers boos has alue of rafts coats d tollage rafts se on boats	plying No. s ply- No. nnage, Tons nage, Tons C. ft. Rs. on Rs. per Rs.	883 183,046 130,316 2,223 450 1,100 1,799 4,787-0-6	886 150,183 80,520 2,857 275 622 1,439 1,056-9-0 0-1-9 1-13-0	1,214 164 10,915 1,769 333,229 2,16,836 5,080 725 1,622 3,238 5,843-9-6 0-1-9 23-1-0	24+25+: Total toli month las  Me  1. Balance on the l 2. Toliage i 3. 4. Amount treasury month	not recover set of the mover mouth  Total  paid ir during t	Re. 5,866 me 6,946  Tollage.  Re. 4,681 5,866 10,548 its he 4,694	7 12 12 8

Abstract for the month of February 1890 as compared with the corresponding month of the previous year.

				1889	•00.	100	1-10.
				During the month.	To end of the month,	During the month.	to end of the month
				Rs. A. P.	Rs. A. P.	Rs. A. P.	Re. A. P.
l'ollage	•••	***	•••	5,866 12 3	55,258 13 0	6,946 7 3	60,106 5

CALCUTTA,
The 22nd April 1890.

G. A. G. Shawe, Under-Secy. to the Govt. of Bengal.

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL. SOUTH-WESTERN CIRCLE.

CALCUTTA AND EASTERN CANALS.

Statement showing quantities of Goods carried during the month of February 1890.

		T	OTAL GOVERNMENT	AND PRIVATE.		Parv	ATB.			
umber of boats or rafts.	DESCRIPTION.		Quantity-Tons.		Value.	Quantity,	Vi	slae.		-
(4)	,	Up.	Lown.	Total.	Rupeca.	Tona.	Ru	pees,	RESEABLE	i d
1,603	1. Grain	32,926	17	32,943	36,51,568	32,943	26.8	1,568		
1,000	2. Cotton	59	******	59	31,350	59		1,350		
3	3. Oilseeds	7	27	34	4,512	34		4,512		
287	4. Palt	865	6,610	6,975	6,59,104	6,975		5,104	8	S.B.
	5. Piece-goods	*****	*****						ado nort none	100
6	6. Metal	5	28	33	6,587	33		6.587	+	1
155	7. Building materials	3,041	478	3,519	50,463	3,519	1	50,463	ğ	il lens
2,172	8. Miscellaneous	19,664	2,333	21,937	27,50,152	21,937		50,152	9	ı
511	9. Fuel	10,668	2,928	13,596	1,04,244	13,596	1,0	04,244	8	i
	10. Timber		*****	40 000	*****			****		iii M
	11. Bamboos	00.144		40000		*****	•		940	Call Se
4,841	12. Total	66,675	12,421	79,096	72,57,980	79,096	72,	57,980	For dotaile	TON
5,029	13. Total of same	74,473	9,286	83,759	70,00,332	83,759	70.0	00,332	*	2
0,000	month last year.									ļ
		Up.	Down.	Total.						
Total	number of boats plying	4.150	000	1.043				Rs.	<b>A</b> .	ļ
- ca	rgo No.	4,152	689	4,841		ge of mont	h-			l
and the		2,595	1,001	3,596	24+25+	26	***	48,445	4	ŀ
a. Em	pty ", , , , , , , , , , , , , , , , , , ,	2,000	1,001	0,550						
	number of boats plying seenger No.	405	_ 3	408	Total toling	e of same mo	nth	50,417	2	
Total	registered tonnage,				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		***		~	
	rgo Tons	188,028	33,459	2,21,487	-					i
					26	morandum e	of To	llage.		
. Total	registered tonnage,	894	00	80.4						
- Pa	assenger Tons	774	20	794						ı
Ton-	mileage	16,48,840	3,34,590	19,83,430				Rs.		l
		62,96,618	9,61,362	72,57,980	1 Polomos	not recove	3		-	Ì
Estin	nated value of cargo Rs.	02,50,010	0,01,002	12,01,000		he 1st of				
Num	ber of passengers No.	5,626	20	5,646	mont		***	2,292	1	
		558	45 har				10.34	-,	•	
. Raft	s, bamboos C. ft.	****	**************************************	*****	2. Tollage	per month	•••	48,445	4	l
. Do.	, bullahs ,,	401400 5	*****				73			
Estin	nated value of rafts Rs.		****					es .		ĺ
				40 447 47	3. Total	***	***	50,737	6	
Tolla	ge on boats ,,	40,242-11-3	8,202-9-6	48,445-4-9						
Com	pounded tollage on									
	ka.	001111	*****		4. Amount		nto			
				4 0 0 0 0 B	treasu	ry during		49,132	15	
	age on rafts "	for ***	*****	10000	24040		•••	20,204	10	
	l tollage on boats per			C-0-4·68						
	n-mile Rs.			U-U-4'06	& Delance	due of the		-		Í
	l tollage on rafts per 100					due at the e			-	
	ibio feet Ra.	100000	*****	- 1 gm + 1	Of the	month		1,604	0.5	

# ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS). CALCUTTA AND EASTERN CANALS.

				T	OTAL GOVERNMENT	AND PRIVATE.		Paiva	TH.	
Number of bosts or rafts.		Description.			Quantity-Tons.		Value.	Quantity.	Value,	
ratio,				Up.	Down.	Total,	Rupees,	Tons.	Rupees.	
639	(a)	Jute	•••	15,375	38	15,413	19,42,087	15,413	19,42,087	
38	(3)	Jaggery	•••	197	104	301	33,700	301	33,700	
3	(c)	Sugar	•••	11		11	3,087	11	3,087	
2	(d)	Tobacco	•••	*****	3	8	700	3	700	
784	(e)	Fish	•••	279	1	280	78,320	280	78,320	
12	(5)	Hides	•••	17	*****	17	3,850	17	3,850	
48	(g)	Poultry	•••	12	*****	12	5,191	12	5,191	
135	(Å)	Hay and str	2W	1,181		1,181	24,798	1,181	24,798	
91	(1)	Oil	•••		1,496	1,496	2,09,425	1,496	2,09,425	
80	(k)	Earthenway		54		54	757	54	757	
390	(m)	Other mi	scella-	2,478	691	3,169	4,48,237	3,169	4,48,237	
2,172	Tot	al Miscellane	0008	19,604	2,333	21,937	27,50,152	21,937	27,50,152	

# PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

# SOUTH-WESTERN CIRCLE.

### TOLLY'S NULLAH.

Statement showing quantities of Goods carried during the month of February 1890.

		3	OTAL GOVERNMENT	AND PRIVATE,		PRIV	ATE.			
Number of bonts or mits.	Description.		Quantity-Tons.		Value.	Quantity.		alue.	RESABES	
10000		Up.	Down.	Total.	Rupees.	Tonn,	Ru	ipeas.	DE COL	
5,408 9 9 65  265 1,319 172 rafts. rafts.	1. Grain 2. Cotton 3. Oilseeds 4. Salt 5. Piece-goods 6. Metal 7. Building materials 8. Miscellaneous 9. Fuel 10. Timber 11. Bamboos	14,086 54 159 572  2,436 4,099 2,509 2,498 c. ft. 190 ,,	79 48 1,080 c. ft.	14,105 54 168 930 2,436 4,178 2,557 3,578 c. ft. 190 ,,	14,33,983 28,975 23,300 87,918  10,903 4,31,676 20,236 8,050 31	14,105 54 168 930  2,436 4,178 2,557 3,578 o.R. 190 ,	2 8 8 	33,983 88,975 23,300 37,918 31,676 20,236 8,050 31	For doing and nort man	lethils, see next page.
7,247 & 8 rafts.	12. Total	23,915 & 2,688 o. ft.	613 & 1,080 c. ft.	24,428 & } 3,768 c. ft. }	20,45,072 {	24,428 & 3,768 c. ft.	} 20	,45,072	o Har	LOI
6,161 & 10 rafts.	13. Total of same month last year	25,265 & 287 c.ft.	481	25,746 & } 287 o. ft. }	16,95,317 {	25,746 & }	16	,95,317		
		Up.	Down.	Total.				Re.	Δ.	
	number of boats plying number of boats plying No.	7,184	63	7,247	Total tolla 24+25+	ge of montl 26	h	12,761	0	
4a. Em	pty 33	1,414	305	1,719	Water Action		-41			
	number of boats plying seenger No.	734	14	748	last year	e of same mo	***	13,044	12	
	registered tonnage,	76,371	2,451	78,822	M	emorandum q	f To	llage.		
	l registered tonnage, Tons	1,741	50	1,791				Rs.	A.	
8. Ton-	mileage	6,81,286	39,216	7,20,502		not recove				
9. Estir	nated value of cargo Rs.	19,88,271	48,720	20,36,991	mont		rito.	330	9	
20. Num	aber of passengers No.	5,796	159	5,955	2. Tollage	per month	•••	12,761	0	
21. Raft	ts, bamboos C. ft.	190	994444	190						
22. Do.	, bullabs ,,	2,498	1,080	3,578	0.5			10.00	45	
	mated value of rafts Rs.	5,651	2,430	8,081	3. Total	000	•••	13,091	9	
	age on boats	12,100-5-8	613-0-0	12,713-5-9						
	pounded tollage on Rs.		,000 na 0.		4. Amoun	t paid i	into			
26. Toll	lage on rafts ,,	22-6-0	25-5-0	47-11-0		sury during	the	12,868	14	
27. Total	al tollage on boats per on-mile		( 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0-2-3-38	mon	en.	• • •	12,000	4.2	
									_	ı

# ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS). TOLLY'S NULLAH.

		To	TAL GOVERNMENT A	ND PRIVATE.		Paiva	TH.	
Number of	DESCRIPTION.		Quantity-Tom.		Value.	Quantity.	Value	
rafts.		Up.	Down.	Total.	Rupees,	Tons.	Rupees.	
12	(a) Jute	96	,	96	12,150	96	12,150	
101	(b) Jaggery .	623	3	626	70,100	656	70,100	
1	(c) Sugar .	3	*****	8	712	8	712	
7	(d) Tobacco .	55	14	69	13,475	69	13,475	
238	(e) Fish .	50	1	51	14,223	51	14,223	
1	(f) Hides .	2	****	2	600	2	600	
1	(g) Poultry .	1		1	160	1	160	
554	(h) Hay and straw.	940		940	•19,745	940	19,745	
30	( <i>j</i> ) Oil .	258		258	36,125	258	36,125	1
84	(k: Earthenware .	119	5	124	1,734	124	1,734	
290	(m) Other miscellane	1,952	56	2,008	2,62,652	2,008	2,62,652	
1,319	Total Miscellaneous.	4,099	79	4,178	4,31,676	4,178	4,31,676	

# ABSTRACT FOR THE MONTH OF FEBRUARY 1890, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.

		Ta	AFF10	, 1999-00.				THA	FFIC	, 1888-89,		
	During the m	an th		To end of the	monti	0.	During the m	onth.	.	To end of the	mont	١.
	Rs.	A.	P.	Rs.	۸.	P.	Rs.	A.	P.	Ra.	Α.	P.
Calcutta and Eastern Canals	48,445	4	9	8,39,271	7	0	50,417	2	9	8,93,642	11	0
Tolly's Nullah	12,761	0	9	94,335	2	6	13,044	12	3	1,22,274	4	3
Total	61,206	8	6	4,38,606	9	6	63,461	15	0	5,15,916	15	3

OALCUITA,
The 22nd April 1890.

G. A. G. Shawb, Under-Secretary to the Goot. of Bengal.

# CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 19th April 1890, as compared with the corresponding week of the previous year.

				IN APRIL 1890		WHEE ENDING RATURDAY, THE				
Katurd	OF CARGO.		Number of bonts.	Weight of cargo,	Tollage.	Number of boats.	Weight of Cargo.	Tolinge,		
			No.	Mds.	Rs.	No.	Mds.	Ro.		
Rice and paddy Jute Firewood Other articles	* ***	000	145 12 60 497	85.200 5,060 33,725 1,17,150	624 84 467 1,611	204 18 118 700	69,960 5,990 47,986 1,66,410	1,150 10, 730 2,50		
	Total	000	714	1,91,125	2,686	1,036	2,90,225	4,68		

## Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of January 1890, as compared with the same month of the previous year.

			18	80.	1889,		Tor	A.I.	1	
Stapem.	Up.	Down.	Up.	Down.	1890,	1880.	Increase.	Decrease		
			Tons.	Tons.	Tons.	Tons.	Tons.	Tone.	Tons.	Tons.
		1	18.954	4,190	13,200	2,704	17.090	16.004	1,470	
Cotton piece-goods—	*** 200	000	188	097	13	633	1,068	639	,601	******
a In hales and bands	100 111	200	1							
A tudion	111 404	007	3,068	7.6	3,229	200	2,130	8,407	11110	30
a - [u tintes and band]	66 44	200								
♣,⊷In bozes	*** ***	***	,							
Brains—	110	100	2,463	4,100	1,178	2,790	6,748	8,948	1,796	40 114
Bides and akine-	a Pa 0.000	***	987	14,618	600	9,000	15,500	9,926	5,674	00+++4
g v-1 required to	000 000	***			r				1	1
8Lindresend	201 000	4+2	8	630	10	701	686	711	******	
2Bkins of sheep, &c	000 111							,	*******	
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+ + + -	,							
lute-Raw-		- 1								
ABarewed	*** ***	101	100	8,100	2	4,601	8,279	4,401	3,677	801.11
b Unserwood	201 000	***	22 887	36,633 1,015	122	19,611 202	\$6,455 3,348	19,618	7,017	400+1
R'- O street, makes the	484 094	***		2,025		-	0,111	4,000	940	400000
letals- 1,-Copper, unwrought	*** 000	200	)						1	
o Brean mywronghi	infi	144			3.407					
8.—Hram and copper, wrong		000	1,400	400	1,407	1.54	1,889	1,051	218	711100
L-Tin	117 119	***	i	1.0						
At - Assument III	405 /1	***	,						1	
1Others	000 14A 148 000	880	491 254	46	394 171	43	492 202	306 314	94	001111 001111
1. Linaced	485	200	1						1	
_ Ham and mustare	*** 116	***			i					
	141 500	440	138	1,206	35 I	200	1.837	1.033	304	111000
	200 00-	007								11,000
6 Proppy	944 191	440				1				
7.—Others	101	000								
2.—listelnuts	999 999	411	93	5.97	563	73	1,024	227	463	000+44
m 4 ht house man	***	111	875 8,174	1,240	6,079	8,713	4,616	7,365	60000	3,96
Military Statement and the new	*** ***	111	8,997	6	8,140	4	9,913	8,166	768	******
lugares 1, ilya ned	POT 044		1,400	800	911	1,061	1,888	1,972	161111	250
gUnd-nined	001 -11	***	,							
	***	889	1	638	8	200	639	340	200	0.000
1.—Indian	000	424	,							
1.—Timber	141 179	991	940	92	102	146	861	848	96	01000*
The Mirestrood	900 FET	101	1,853	1,096	1,470	1.388	1,854	2,170	****	61d
il other acticles of merchandiss-		400		-,				- 1		800
1 [lamministured	444 444	004	4,617	1,784	4,646	1,788	0,301	6,434	*****	381
2Manufactured Bay, straw, and wooloo (C. & B	E. Sectio	n)	677	41470	818	+ ad	477	813	200 244	\$30
Bell seide, mm access for a mi-		1.	mb days		99.046		7.00.004	00 000		
	Total		37,960	68,254	87,348	80,410	1,06,234	87,758	23,380	4,874

# Comparative Statement of traffic for January 1890.

	INCREA	SHS.				
-		***	880	210	***	Tons. 1,076
For railway and flotilla consumption.	• •	***		400	***	-,
Cutton, raw Of this increase the P. T. Railway contributed 9,21	5 maunds an	d Naravanes	nj 3,300 m	aunde.	144	446
Rice Of this increase the Northern Section contributed 4					mainder.	2,795
The increase is due to a favourable winter crop.  Jute, unscrewed  This increase was principally contributed by My.					***	7,037
month, being an increase of 135,622 maunus over	of the incre	ine,	teahonoung	anomes (		
About one-third of this jury-nee was contributed	by Narayan	ganj. The	increase is	due to	extended	3,677
Grangements with jute-malers.	n in mot to be	and	*1*	***	* * *	818
Probably from Serajgunj, the return for which place	894	117	b 0 0	* 1 *		804
From Forbesganj, Kashba, and Katibar principally	900	***	4++	***	***	463
From and via Khoolna.	***	***	9.04	110	•••	768
The increase is in booking from Chitpore station.	Dискван	16.				0.000
Railway plant, &c.	***	4.4.1	.00	>1.0		2,969
Due to completion of works on the Behar Section.	000	091		4 # 5	1 00	616
Rungpur and Kaunia show the principal decreases.					F. P.	QUINLA

CALCUTTA, the 19th April 1890.

F. P. Quintan, Examiner of Accounts.

# EAST INDIAN BAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks ended 32nd February 1890. as compared with the same period of 1889.

### ### ### ### ### ### ### ### ### ##		10	96.	18	JI. B.	lner	M80,	Decrume.		
### ### ### ### ### ### ### ### ### ##	Braples.	Waight.	Freight.	Weight.	Freight.	Weight.	Prought.	Weight.	Prought	
Horses, position, and makes   No. 124   5,007   10. 1   2,008   No. 121   2,008   No. 127   10. 128   10. 1   2   1,008   No. 128   No. 121   10. 128   No. 121   10. 128   No. 121   10. 128   No. 121   10. 128   No. 121   No. 128   No. 121   No. 128   No. 121   No. 128   No. 121   No. 128   No		Mds.	Rs.	Mdo.	Ru.	Melu.	Ra.	Mds.	Ra.	
### ### ### ### ### ### ### ### ### ##	(Horse, ponice, and mules	No. 182	4,025			lo. 1	.7 1,086	Nu		
Cities and   Color	PIMALS, LIVING, ) Caltie	. 118	2778	0.007		1 1 0 5	* (602)		80	
Color   Colo	THE SALE. I DIES D BING CONTROL			80 400000	444	20			-1 446	
The contract of the contract	TAX 400 400 650 610 62	6,714	8,017	4,510	3,000	X'210	1,511			
	mes and ratable						(0.00.)		105700	
	minese and Japanese ware	85	48	00	63	1.0	- 13		(10,0)	
Tests and gazze (Foreposa)	al and cuke. UD	DILL DO GUE			4.77,910	83,991	447.53	8,84,680	1/0,5	
TYPE 3 A 170    The content of the c	100 100 100 100 100 100 100 100 100 100		2,01,201		1,20,003	55,905	71,498		11	
Picconnection   1.00.0000   1.00.000   1.00.000   1.00.000   1.00.000   1.00.000   1.0	(Twist and yarn (European)	8,700	8,357	9,644 14 908		1 948	235		2,00	
Color   Amount   Am	TTOW, MARU- ) Discourance (European)	\$ 145 mes/5		1,97,574	1,40,663	1		10,977	20,64	
College and Daily	Ditto (Indian)	19,316	13,650		15,863			1,154	1.8	
Introclaminity clarge (other time plants)   1,449   639   1,205   639   1,110   1,025   647   160   1,025   1,110   1,025   647   1,025   1,110   1,025   647   1,025   1,110   1,025   647   1,025   1,110   1,025   647   1,025   1,110   1,025   647   1,025   1,	i fither and and intrinsing					810111	924100		11	
True   MATE	cos And Mar { Intexienting dross (other than	1,419				911	80		6001 -	
### ### ### ### ### ### ### ### ### ##	opium, i.s., armuio, bhang							)		
### Mary   Saladown		1,887	2,043	1,190	1,563	697	800		244 M	
## PRINTERS   0.000	Madder or manif	1 1	3			6011-1	101111			
## chonware and porcelain	duntings, in in in				5.024		325	4 - 0	10- 14	
## Print war and procedure ## 17,000	100000000000000000000000000000000000000	0,627	4,181	8,802	4,265	24.	544701	1,788	-	
Brows   PRO-   Do. manufactured (Sunny)   Do.	rthenware and percelain								111.00	
Discrete   Discrete	1 Do manufactured (minny								.1 .*	
The community   The communit	shore the ines and clothe).				20.102				(1,5)	
Comparison   Com						1,034		42,000	*****	
Whent   1,000   1,00	C.			2,936	1,728	1,526			-	
Cram and pulses	Wire A New All other kinds			35,514						
April 2   Pullane   Sice, husehold   1,004   1,187   1,77,000   1,07,000   1,00,000	A livered mulation and and									
Dec. or spreaded   1,004   1,180   2,025   1,055   1,057   2,015   1,055   1,057   1,055   1,057   1,055   1,057   1,055   1,057   1,055   1,057   1,055   1,057   1	ARR & PULLBER C Rice, husbed	7,44, 22	1.17.493	9, 7,800	1,00,598				73 1	
## Bides of cattle   1,873   2,895   6,133   2,825   6,135   2,835   1,935   1	1 Do., unhusked		1,150		20.114				8.7 8.2	
Color   Colo	(Other rails and spring crops	6,7%			2,120	047	608			
### 2   Lace dive   23   4   7:0   463   601   176   250   6   7:0   463   601   176   250   6   7:0   463   601   176   250   6   7:0   463   601   176   250   6   7:0   4:0   4:0   6:0   6   7:0   4:0   6:0   6   7:0   7:0	(Hides of cuttle	86,4471	86,112			ART.			19,7	
### Dac, strick and other kinds	DES & STEERS Skins of sheep, gonts, and	11,873	4,850	11,090		-	24.6585	14220	4	
C		1,453								
ATTHER   Do., stick and other kinds   25,888   8,870   39,850   10,766   4,648   10,007   11,170   1	- Lac Hya					769				
ATTHUR   Cather, unmanufactured   1,083   3,027   2,032   3,047   183   2,025   1,045   10,	Do. stick and other kinds				19,706			6,831	1.1:	
10   10   10   10   10   10   10   10	Leather, ummanufactured	1,983	3,037			4.00		93	3	
### Property   1.00	g monthly ministrative in			10.518		1	218	2,581	10.00	
TRALE AND Brown and copper	M.S. man ear one can man end end 920 pro			871		1 063			*******	
Part   Color	PALS AND (Brisis and copper	26,846	17,683					1		
10.70   2   20.805		9,491			9,665			1,279	26	
Design   State   Sta		1,07.0 %	84,760							
Cher   Kinds   Construction Ascount   Section   Sectio	191189									
1	(Ghoe	38,410		35,441	15,747		850	2,122		
	Ovisions tother kinds	6,791	7,392			1 600	2000	-13	43	
State   Stat							4,010	4	147	
College   Coll	E was 421 441 445	8,44,050		4,55,980		3. +0,0 iD	28,611		****	
Collaboration   Collaboratii   Collaboration   Collaboration   Collaboration   Collaboration	LTPHTHE &C. { Sailpetre	86,957	42,047		3,033	171	201			
CIL-   Ministric and rape   2,941490   50,038   2,465,000   17,464, 2,570   10,380   0,000	(Lifthead			47.707	10,101	2,140				
Collect oilseeds	(OIL- ) Mustard and rape	2,93,490	60,538	2,45,060	2.510			1	80 10	
Corner   Color kinds   Color	EDS (Other oilsneds	57,937		51,437	10,034			-1 -1	1 7	
College kinds	(Ammen (Affilisto seed)	1,48,435	46,780		47,060	00 464			1,8	
Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk, raw   Silk	AREDA Ten simila		241784	96.163	10,801	h. 400	030			
Do., manufactured (Euro-pears)   So., 687   So., 687   So., 687   So., 687   So., 687   So., 687   So., 687   So., 687   So., 688	4 SHE, PRW	3 (3.5)	2.217	2,611						
Style   Styl	Z Do., manufactured (Eur-pean	aplane			395	(	444 (			
Rugar, reflued   2,96,105   26,001   1,00,605   26,765   26,401   10,201		411 EE 457			11,193	41,681				
## AB   Rugar, refused   Stocker   S	one and marble	2.96,185	20,301	1,00,643						
Tea, Indian   1,866   876   1,600   18   1,012   1,164   18   19   19   19   19   19   19   19	GAB Hugar, Pefitted	9,90,988	35,008	3,07,793	48, 99			*** **	1	
Tunter   19,806   8,846   17,083   7,081   1,012   1,104   1,205   1,105   1	f Ten, Indian			1,646	1,381		001 100	234	5	
Tunber   S5,094   9,678   89,105   2,906   14,915   1,905   1,907	" LDo., Foreign	4	2	29			1 264	1		
Firewood	(Tambur	19,896				14,610	1.965		-	
Vector   National Colors   1,046   1,886   1,35   1,487   1,27   1,07	Firewood	48,276	3,711	28/101		10,475	1,657			
	W COT, PRW	1 2,944	7,688			1,5(8)				
Wood, manufactured (Indian)	IOL Deally.	99	106	735						
other articles of merchandess 2,50 vs 1,58.21 3,50,405 1,64,605 20,578 20,588 13,572 21,58.21 20,500 20,572 5,778 20,588 13,572 21,58.21 20,572 20,57	Wool, manufactured (Indian	1,873	3,154	1,844				1		
	ather articles of muchandens	2	3.1	204.00		3		173	19,6	
parale 2,18,584 30,613 1,82,695 21,965 80,817 1,305 3,704 1,207 1,	mad	P.Au. Sep. 3			6,474	80,185	13,452	*****		
101-101 101-101-	merale and	2,14,363		1,812, 9115	25,163	35.3417		1.794		
	1410-00	89,577	8,014			8.00		4 8000044	1.6	
Total 02 64 743 03 00 484 03 06 600 23 02,02,037 0.54,108   3,54,204 0.54	021 MO 020 400 01	25,797	#1,410		-	2	3,34,201	9,80,874	3,17.2	

General remarks on the fluctuations of principal staples carried over the East Indian Railway during 4 weeks ended 22nd February 1890.

#### INCREASES.

Cotton.—The increase was chiefly in despatches from stations above Camppore to Howrsh for export.

Wheat—The increase was chiefly in despatches from stations above Camppore to Howrsh for export.

Wheat—The increase was chiefly in despatches having been made chiefly from Sahet-gunge, Bhagulpore, Aligarb, Hathras, and Delhi.

Gram and Pulses.—There was a decrease in the weight carried attended with an increase in the casnings; the former was due to heavy short lead despatches last year from stations on the R. district. The increase in carnings was chiefly in delif from Campore to Howesh for export to Rangoon.

Iron.—The increase materials also were brought down to Howesh for sale.

Oils.—This was chiefly in despatches of kerosino-oil from Howesh to Patra wid Moghul Berai, and to stations on the East Indian Railway.

Option.—The increase was principally in emigraments to Howesh from Ghazipore vid Tari Ghât.

Foreign Railway Material.—Thus was chiefly in despatches of materials to Damooda, Chakardaepur, and Umaria for the Bengal Nappur Railway, and to Delhi for the Deshi-Umballa-Kalka Railway.

Salt.—Due to a good dom and for Liverpool adt. Despatches were chiefly made from Howesh to stations on the Assam-Beliar.

Tirhoot State, and the Bengal and North-Western Railways.

Saltpatre.—Chiefly in despatches from Patra, Mokameh Ghât, and Delhi to Howesh for export to China.

Sasta.—The increase was in the new crop of mustard-seed from the Tirhoot States and the Oudh and Robilkhund Railways to Howesh, principally for local consumption.

Spaces.—Principally for local consumption.

Spices.—Principally in chillies from Mokameh and Mokameh Ghât to Howrah, Burdwan, and stations on the Shahabad district to Howrah for export to Assam and Burmah, owing to supplies from Mauritius having fallon off.

Boses.—In despatches from Mokameh Ghât, Allahabad and vid Moghul Serai to Bally and Chitpur.

Ocal and Coke.—This is in continuation of the decreases previously reported, and was principally in downwards traffic.

Piece-goods.—The decrease was chiefly in despatches from Howrsh; there was also a falling off in the despatches from Hombay to Cawmpore vid Jubbulpers consequent on diversion to the Itarsi range.

Rice (husked and unhasked).—The falling off in this commodity was principally at stations on the "A" and "E" districts, owing to there being no demand at stations on the "B" district and on the Turbook State Rullwy this year.

Hides.—The decrease was in despatches from the principal sending stations up-country, and was due to small supplies in local markets.

local markets.

ALLEN MEARS, Deputy Troffic Manage-

TRAFFIC MANAGER'S OFFICE, CALCUTTA, 17th April 1890.

#### Weekly Return of Traffic Receipts on Indian Railways.

#### BAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 12th April 1890, on 1,526; miles open.

V.	COACHISS TRAVPIC.				AND MINBRAL	Other parnings		TRAFFIC TRAIN-MILES RULE			
	Number of passengers,			Weight Recuipte,		(estimated).	Potai sarnings.	Conching.	Merchan- duse.	Total.	
		Re.	L. P.	Mps. s.	60. A. F.	Bo. A. P.	Ba. A. P.				
Total valle for the week Or per mile of railway	240,849		7 0	19,27,070 50	6,64,017 10 6 435 4 9	19,502 A 0 12 12 7	9,72,764 U 6 637 10 P	67,0000	105,302	31231152 ******	
For previous 16 weeks of half-	8,406,076	40,00,001	1 0	8,66,65,097 n	64,89,221 7 6	2,77,655 1 9	1,28,65,927 9 9	908,4774	1 328,0864	2,231,007	
Total for 18 weeks	3,984,925	43,49,230	8 0	8,95,94,167 80	9 ,55,269 1 0	2,07,197 0 0	1,38,38,694 2 9	975,480{	1,433,431%	2 608,9112	
COMPARISON.											
Total for corresponding week of previous year	249,504	,2,69,941 1	4 20	26,50,824 80	6,04,163 1 0	22,656 11 9	9,16,761 12 7	67,304	100,516	197,525	
Per mile of railway correspond-	971476	190	1 0	*****	396 0 8	14 13 8	600 18 4	184104	*1		
Total to corresponding date of previous year	8,961,642\$	44,08,408	8 11	4,15,03,787 10	90,54 221 9 0	2,37,456 13 11	1,38,96,080 15 10	992,745	1,441,468	2,434 1/7	

Approximate Statement of gross receipts of the Bast Indian Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, duted 23rd July 1883.

RECEIPTS FOR WERE REDIEG RECEIPTS FOR WHEN ENDING 1870 APRIL 1800.								PRIL 1800 TO : APRIL 1809.		Total	Total		
Moun Minage warked.	Receipte.	Per	Wean mileage worked.	Receipts.	Per	Mean mileage worked.	Total reonips».	l'er mile worked per week.	Mesti mileage worked.	Total receipts	Per mile worked per week.	increase to 1850.	diccount in 1990.
1,0004	<b>Ro.</b>	Rs. 801	1,0252	Re. 9,72,760	Re. 636	1,555	Re 17,09,168	Ha.	1,0204	Ro. 16,70,106	Ba. 547	Ra.	Ra,

#### PATNA-GYA STATE RAILWAY

Approximate Return of Traffic for week ended 12th April 1890, on 57} miles open.

,	Соложине	(BAPPI	с.	İ	NABORA DIESE		30.3	RAI	Other earning	Totale	on Pini	ne.	TRAFFICT	PRAIN-MILE	8 <b>2</b> 08.
	Number of passencers.	Boom	ри		Wairht carried.	. Recal	ptı	ia .	(setimated),			a fin fil or -	Coaching.	Membab- diss.	Total
		Re.	A. I	₽,	Mps. s.	Nor.	Α,	P.	Bs. A. F.	Ra	. A	. P.			
Cital traffic for the week	18,114 266	7,171 195	4		86,331 9° 967 90	8,846			41 B 0 0 11 7	11,0		7	1,413	881	2,80
year or half-	183,368	96,226	10	0	6,60,404 10	41,000	1	0	832 14 0	1,87,6	18 1	0	24,015)	9,580	33,34
Total for 15 weeks	196,476	1,08,797	14	0	7,54,797 34	44,903	15	0	574 8 0	1,48,8	78 0	0	26,580}	10,931	88,76
COMPARISOR.					150										
otal for corresponding week of	14,019}	7,825	4	7	43,394 10	8,067	0	0	46 19 3	10,8	10 (	10	1,088	1,938	3,9
or mile of railway correspond-	256	184	8	1	788 30	58	7	1	0 18 1	3	90 9	3	801119	******	*******
previous year	203,200)	1,23,623	-6	7	6,60,293 10	84,834	1.8	0	1,306 0 3	1,50,1	88 5	10	27,494	9,791	87,9

Approximate Statement of gross receipts of the Patna-Gya State Raslway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, duted 23rd July 1883.

Amonto:	TH APRIL 16	e ending		TO FOR WARE			L RECRIPTS FRO PRIL 1889 TO 12 APRIL 1889.			PRIL 1890 TO 13 APRIL 1890,		Total	Total
Nean monge worked.	Receipts.	Per mile	Mean mileage worked	Receipts.	Por mile worked.	Mean mileage worked	Total receipts.		Mean mileage worked.		For mile worked per wook.	increase in	decrease in
1	Re.	Re.		Ba.	Ma.		Bo.	Ba.		. Bo.	Bo.	Re.	Re.
571	10,229	161	67 k	11,000	198	874	21,669	3.00	874	20,248	177	<b>\$44.00</b> 1	1,883

# TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 12th April 1890, on 23; miles open.

	COACHING	TRAPPIC.	Munchardien /		Other earnings	Total	TRAFFIC	TRAIP-MIL	DO RUS.
	Number of passourers.	Receipts.	Weatht carried.	Receipts.	(cotimated).	eneratagn.	Couching.	Merchan- diss.	Total.
		Ra. a. r.	Mos. s.	Bs. A. F.	Ru. A. P.	Ra. A. P.			
Total traffic for the week Or per mile of railway For previous 14 weeks of half-	96,360	8,519 P 6 382 16 S	10,536 20	879 15 0 17 1 8	10 8 0	8,900 11 0 400 7 0	106	107	1,010
year	203,418	79,876 15 0	2,10,887 80	7,100 18 0	347 10 0	86,638 6 0	12,180	1,841	13,630
Total for 13 weeks	3:9,774	27,004 B O	8,20,876 20	7,480 18 0	357 18 u	96,883 1 0	18,004	1,046	14,648
COMPARISON.									
Total for corresponding week of previous year.  Per mile of realway correspond-	30,972}	11,674 10 2	6,078 0	861 11 0	9 7 8	11,905 19 10	1,210	36	1,984
Total to corresponding date of pravious year	205,004)	94,398 B 1	1,45,069 10	11 5 0 a,161 6 0	108 6 0	99,000 1 1	18,689	900	14,700

Approximate Statement of gross receipts of the Turkessur Branch Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, dated 23rd July 1888.

	9 FOR WEEK TH APRIL 18			TE FOR WERE THE APRIL IS			APRIL 1480 TO 1 APRIL 1480,		TOTA	E RECEIPTS TREE PROFILE INDO TO 1 APRIL 1890.	om luz Tra	Total	Total
Menn mileare worked.	Receipta,	Per mile worked.	Money nitingen worked.	Receipts.		Mean mileage worked,		Par mile worked per week.	Mean milosee worked.	Total receipts.	Per mile worked per week.	increase in 1890.	degranee t
	Re.	Ra.		Ra.	Ro.		Ro.	Re,		Re.	Re.	Re.	Ro
23-6	11,996	886	201	9,910	400	223	18,498	416	221	16,370	881	800121	4,225

#### EASTERN BENGAL STATE BAILWAY.

(Including N. B., Dacca, K. and D., and Assau-Behar Sections.)

Approximate Return of Traffic for week ended 5th April 1890, on 747 miles open.

	COACRIN	G TRAFF	ic.	MRROMAN		PPIC.	Ru.	AL	Other earning		Total	TRAFFIC	TRAIS-MILE	n avii.
	Number of passengers.	Counti		Weight carried.		Receip	to.		including steam-boat,		onruings.	Conching.	Merchan- dusc.	Total.
		Ra.	A. P.	M Do.		Ro.	Δ.	y.	Ba. 4. 7	.	Mo. A. P.			
Total trade for the week the per unite of ranks For previous 18 weeks of half-	303,070 175	80,970 108		8,28,650 7ul			0		10,320 0	0	1,73,010 0 0 315 0 0	111 4	20,928	00,243
1001	2,046,990	10,23,903	0 0	74,74,900	0	14,82,028	0	0	2,51,606 0	0	°27,07,628 0	290,542	384,548	676,300
Total for 16 weeks Companison.	2,282 060	11,04,868	0 0	79,88,750	0	15,07,833	0	0	2,67,916 0	0	28,50,672 0 (	311,987	418,776	727,638
Total for corresponding week of previous year For miles! railway correspond-	100,301	74,220				74,186			21,277 0	0 0	1,00,008 0		25,465	45,18
ing period of previous year	1,100,190	17,40,546	0 0			11,97,154		0		0	25,00,959 0		342,654	643,44

<sup>\*</sup> Audited up to week ending 5th February 1890, † Excluding stoumer earnings.

#### FINANCIAL YEAR.

Approximate Statement of grass versipts of the Eastern Bengul State Railway.

Ruguir	TH APRIL 1609	REDINO	Racur	PTS POR WERK DIM APRIL 1800			L BRCBIPTO PROPERTY OF G APRIL 1889.			RECEIPTS FRO PRIL 1890 TO 5: APRIL 1890.		Total	Total
Mean mileage worked.	Lecuipte.	Por mile worked.	Mean mileare worked.	Receipts.	Per mile worked	Monn milnage worked.	Total recupts.	Per mile worked per west	Mean mileage sorked.	Potal receipts.	mi-e mi-e corned per week	2800.	1699.
	Ba.	Rs.		Re.	Ba.	1	Mo.	Ba.		Ro.	Ba,	Re.	Ha.
673	1,00,000	252	747	1,73,010	203	673	1,45,451	216	747	1,23,678	165	007911	21,070

#### BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 6th April 1890, on 126 miles open.

	COACRING	TRAFFIC	· .	Menchari		PPIC.	DRAI	Other		mine	Total	. 1	TRAFFIC	TRAIN-MILI	e roy.
	Number of	Conchi		Weight carried.		Recorp	la,	(esti			987211		Conching.	Merchan- dias.	Total.
		Ba.	A. P.	Mns.	8.	Ba.	A. P.		io,	A. P.	Ro.	A . P		1	
Potal traffic for the week Or per mile of ratiway For previous 13 weeks of half-	82,310 286	10,090	0 0			3,760 30	6 0		1	0 0 0	18,840 111	0 1		1,907	5,67
Jose to done of wall.	357,410	1,27,998	0 0	5,92,934	0	39,614	0 0		710	0 0	*1,68,388	0	46,968	84,576	71,53
Total for 16 weeks	349,920	1,56,018	0 0	6,55,590	0	43,874	9 0		770	0 0	1,82,162	0	50,697	26,513	77,21
COMPARISON.	11														
Total for corresponding week of previous year	26,786	10,866	0 0	40,760	0	4,240	0 0		99	0 0	14,747	0 (	3,715	1,997	8,67
ing period of provious year	294	18	0 0	550	0	794	0 0		1	0 0	118	0 (		101044	
Total to corresponding date of previous year	466,715	1,48,578	0 0	7,90,500	0	40,463	0 0	4,5	103	0 0	1,90,381	0 (	61,277	96,614	77,801

<sup>\*</sup> Audited up to week ending 5th February 1890.

#### FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	re for were		Amonte: OTI	e Por Whrk April 1890.	RADING		L ENCHIPTS FEE, 1489 TO STM 1689.		APRII	L ANCRIPTO PRO L 1890 TO STM A 1890.	M 107 LPRIL	Total	Total
Mean mileaga worked.	Receipte.		Mean mileage worked.	Receipts.		Mean milnare worked.	Total receipts.		Mean mileagr worked.	Total receipts.	Por mile worked per work.	increase in 1830-90.	decrease 1839-99.
126	Rs. 14,747	Re. 118	136	Ra. 18,560	Rs.	196	Ba. 13,640	Ra. 101	195	Bo. 9,686	3a.	Rs.	Ro. 2,750

# DACCA STATE RAILWAY.

Approximate Beturn of Traffic for week ended 6th April 1890, on 86 miles open.

	Солопия	G TRAPPI	C.		Muncuand 1		ind Mil	20	AL	Other en	ruita	JEW.	Tota	1		TRAPPIC	THAIN-MILE	m aux.
	Number of passengers.	Coach			Weight	1	Keceij	ota.		(emilintum	tecl)	ł.	orthin	gra.		Conohing.	Merchan- dine.	Total.
-		Ro.	A. 1	P.	Mps.	8.	Ra	. A.	P.	Ra.	A. !	P.	Ra.	۵.	7.			
Total traffic for the week	16,336	6.350 76	0	0	25,010 302	0	1,9 %		0	190	0	0	8,640	0	0	2,450	<b>63</b> 6	8,104
For previous 13 weeks of half-	811,990	82,940	0	0	3,49,150	0	36,84	0	0	2,327	0	0	*1,30,134	0	0	81,178	9,004	60,782
Total for 14 weeks COMPARISOR.	265,250	551 683	0	0	3,75,360	0	34,748	0	0	2,447	0	0	1,28,664	0	0	31,664	10,225	43,656
Total for corresponding period of previous year.  Per mire of railway corresponding	17,831	4,878		- 6	11,178	9	865	0	-80	236	0	0	8,959	0	0	2,480	614	8,294
mercal of previous year	201	66	0	0	130	0	30	0	0	2	0	0	60	0	0	PEV-2)	*****	0 + 0 + + 1
Persona year date of previous year	219,514	48,229	0	0	1,71,768	0	15,147	0	0	2,504	0	0	66,763		0	34,679	9,942	48,721

<sup>\*</sup> Audited up to week ending 6th February 1890.

# FINANCIAL YEAR

Approximate Statement of gross receipts of the Dacca State Railroug.

Rucuiri 6:	re For White B Arest 1889	rading		TH POR WHER TI APRIL 1800.		TOTAL APRI	L 1869 TO STE J 1869.	n iar Pre-		RECEIPTS PRO LING TO SER A		Total	Total
Mean missage worked.	Receipta,	Per mile worked	Mean mileage worked.	Receipta.	Per mile worked.	Mean worked.	Total receipts.		Mosa mileage worked.	Total reoripta	Per male work	increase in indi-ire.	1886-80.
	Ro.	Ba.		Rs.	Ho.		Ba.	Ro.		Re.	Ho.	Ba,	Ra.
86	5,930	00	96	8,840	90	86	5,106	80	96	6,100	71	903	00000

# NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 12th April 1890, on 274 miles open.

	COACHIN	O TRAFF	PEC.		Marchar		AMIC WI	N H	RAI	Other on			Tota	. 1		TRAFFIC	THAID-MILE	m mon.	
	Number of passengers,	Couch		,	Weight carried		Reces	p (a		toussinus			opting)		,	Conching.	Morchan- dina.	Total.	
	1	Ra.	Δ.	P.	Mos	6.	Ra.	<u></u>	э,	Ma	Α,	- 1	Ma.	Δ.	P	1			
Total traffic for the week.  Or per mile of railway.  For previous 13 weeks of half-	8,259 121	1,114 41	0	0	9,53 <u>2</u> 260	0	603 23	6	0	9	0	0	1,726	0	0	\$10	254	769	
7007	48,540	16,541	0	0	1,96,440	0	11,707	0	0	1,284	0	0	20,653	0	0	6,000	4,663	21,780	
Total for 14 weeks	4*,53.	17,454	0	0	2,06,992	0	12,460	0	0	1,313	D	0	31.240	0	0	7,417	7,108	14,521	
COMPARISON.												1					_ '		
Total for corresponding weet of previous year	2,786	1,044	0		7,465	•	800	0	0	377	0	0	1,930	٥	0	100	254	763	79
ing week of previous year	100	36	0	0	- sil	0	19	0	0	14	0	0	71	0	0	****	+2+20+	000 637	
Total to corresponding date a previous year	81,178	19,397		0	1,88,061	0	10,000	0		1.400	0	0	\$1,006	0	0	7,480	7,240	24,738	

# PINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

	PO POR WHEN			TH APRIL IN			PAIL 1680 TO 13 APAIL 1680.			LECTIFIC PRO LPRIL 1888 TO 1 APRIL 1880,		Total	Total
Mean m ener	Becerpts.	Par mile warned.	Hean mireute enraeu.	Recurpts.		Moun mileage worked.	Total receipts.		Mont miseage cornect	Total receipts.	Per mile worked per week	1259-00.	decrease in 1889-99.
	Ro.	Re.		Ba.	Ro.		ão.	no.		Ra.	An.	Ro.	20.
371	1,930	71	क्या	1,796	¢5	978	3,505	62	871	1,948	84	167700	456

# TIRHOOT STATE BAILWAY.

Approximate Return of Tragic for the week ending 12th April 1860, on 278 meter open.

			70				-				_						-
	COACHEN	D TRAFFI	ic.	4 ABCHATI		PPIC MIN	H M.	A.L.	ther un			Tota			TH . PPIC	TRAIN-MIL	BO REH
	Sumber of passements.	Combi		Weight carried.		Recesp	ta.		(estamat			45PHH			Gonahing.	Merchan- dise.	Total.
		En.	A. 7	Mpe.	0.	Re.	٨.	Р.	Rn.	Δ.	2	Ba.	Δ.	p			
retal traffic for the work	48,114 176	18,848 68	0 0			29,399 108	0		3,423 3	n 0	0	81,467 179			8,422	F,382	13,974
yer previous 18 weeks of half-	067.079	8,73,612	0 0	36,42,175	0	4,13,408	0	0	42,416	0	0	7,59,734	0	0	75,101	190,475	26-5-9TG
Intal for 16 weeks	705,793	2,02,157	0 0	29,04,216	0	4,43,207	0	0	45,437	0	0	7,81,201	0	0	50,023	14027	235,050
COMPANISON.																	-
of previous year	51,763	18,818	0 1	1,54,572	0	18,101	0	()	4,961	0	0	36,890	0	0	4,960	8225,6	10,503
or mile of railway correspond.	190	CID	0 0	885	D	46	0	0	7	0	0	124	D	00		101100	1
rotal to corresponding date of	631,590	2,41,164	0 0	20,27,469	0	1,95,177	0	-0	49,209	0	0	4,65,550	0		h1.737	80,866	162,635

<sup>.</sup> Bream-boat earnings excluded in calculating "Total earnings per mile of Railway."

#### FINANCIAL YBAR.

Approximate Statement of gross receipts of the Terhoot State Railway

RECEIPT 131	to por where	RRD1#G		s FOR WHEN H APRIC 18			ERCEIPTS PRO BIT 1880 TO 13 APRIL USE			necessive pro- russ super to to Arric 1894		Total	! Total
Weam minned alexion	Remarks.	Par inte- worned.	Nega cored.	Reontpla		Mean mirrage worked.	Total remipts.	Per mair works work,	Wear interaction worked.	Total recapte.	rec mile worked per work	turrane in lagaret	1890-53.
	No.	Ro		Sa.	Ra.		Ra	Ma.	1	Ra.	Ste	Re.	Ma <sub>e</sub>
973	26,600	135	273	\$1,487	189	273	75,171	134	273	HG,1467	150	15 776	\$40.000



# The Calcutta Gazette.

WEDNESDAY, APRIL 30, 1890.

# OFFICIAL PAPERS.

Non-Subscribers to the GARRYTH may receive the SUPPLEMENT separately on payment of Six Rupess per annum if delivered in Calcutta, or Twelve Rupess if sent by Post.

#### CONTENTS.

4	Page.		Page.
ROLES for controlling the transport of Emigrants to the Labour Districts of Assam Resolution on the Irrigation Operations of Canals in Heural during kharif season of 1839-90 Resolution on the Report of the Health Officer of the Port of Calcutta for the year 1859 Resolution on the Hudget estimate of the Port Trust Fund for the year 1830-91 Ransfall, Westher, and State and Prospects of the Crops Results of the Meteorological Observations taken at the Alipor Observatory from 20th to 26th April 1850 Seto-ological Report of the Province of Mengal for the	911 913 917 930 926 987	STATEMENT of Rainfall in Beneal for the week ending Fronzy (8 a m.), the 25th of April 1800  Besults of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chownshee, from 20th to 26th April 1890  Statement snowing the Besults of the Eccletysmon of Birtin and Deaths in the Frincipal Municipalities in Bengal during the weak ending 12th April 1890  Circular and Eastern Canals for the week ending 20th April 1890  Nathati State Railway for the month of March 1890	939 939
week ending Priday the 25th of April 1800	928	Weskly Return of Traffic Receipts on Indian Railways	940

RULES FOR CONTROLLING THE TRANSPORT OF EMIGRANTS TO THE LABOUR DISTRICTS OF ASSAM.

#### GENERAL DEPARTMENT.

Calcutta, the 17th April, 1890.

#### RESOLUTION.

The rules sanctioned last year under Bengal Act I of 1869 provide for the inspection of places of accommodation for emigrants in the mofussil, but no reference is made in them to the buildings maintained for that purpose in Calcutta. In practice, these have been considered as subject to inspection by the Superintendent of Emigration, and it seems to the Lieutenant-Governor to be advisable to recognize this arrangement by rule.

2. The importance of regulating the railway journey was recognized from the first, and great improvements have been introduced with the consent of the railway authorities. It is now considered expedient to give to these arrangements the force of rules, particularly as that course has been adopted with regard to emigrants registered under Act I of 1882. Where the precautions it is now proposed to adopt are more detailed, it has been deemed advisable, for the sake of conformity, to amend also the rules under Act I of 1882.

Rules to be issued in addition to the existing rules under Act I (B.C.) of 1889.

18. The daily despatch of emigrants by train shall be previously arranged for by the forwarding agent with the railway authorities concerned, so as to prevent overcrowding by the securing of sufficient carriage accommodation for the whole number of emigrants intending to travel.

19. The agent shall provide for emigrants started on a railway journey after 9 A.M. a cooked meal, and for those started at or before that hour a dry meal instead, consisting of bread or biscuit and sugar in the proportion of one pound of bread or two large biscuits and one ounce of sugar to each emigrant of and above ten years of age, and half the above quantities to each emigrant under the age of ten years. Also, if the journey between two halting stations is likely to occupy more than six hours, bread or biscuit and sugar in the same proportions shall be given by the agent for distribution to the emigrants for consumption during the journey. during the journey.

20. When a medical officer has been appointed by Government to examine emigrants, no emigrants shall be put into the train without being inspected and passed as fit to undertake the journey by such officer. The medical efficer will report any breach of rule 19 which may

come to his notice.

912

21. When despatching emigrants by train, the purest drinking water obtainable shall be supplied by the agent in a sufficient number of suitable vessels conveniently placed with the emigrants in the carriages. Emigrants shall be afforded opportunities for leaving their carriages at three selected watering-stations between Sars and Parbutipur, ene-third of the carriages at a time being emptied to admit of the station latrines being used and of additional supplies of drinking-water being obtained.

22. Emigrants about to travel by train shall be accommodated in third class carriages specially reserved for them, or in suitably constructed goods wagons attached to passenger trains only, and the number in each such carriage or goods wagon shall in no case exceed the regulation number.

23. The train journey of emigrants under conveyance from recruiting districts direct to Dhubri or to Goalundo shall be performed by the Hooghly-Naihati route.

24. If cholers occurs on the journey by train, the patient shall as soon as possible be removed, by and at the expense of the railway authorities, to the nearest cholers hospital or other suitable place for medical treatment; and particulars of the case, furnishing name of emigrant, batch to which belonging, and depôt from which originally despatched, shall be forwarded by the station-master to the officers concerned.

5A. It shall be the duty of the Superintendent of Inland Emigration to inspect places

of accommodation provided for emigrants in Calcutta.

Rules to be substituted for the existing Rules 64. 65 and 69 under the Inland Emigration Act, I of 1882.

64. The daily despatch of emigrants shall be previously arranged for by the contractor or forwarding agent with the railway authorities concerned, so as to prevent overcrowding by the securing of sufficient carriage accommodation for the whole number of emigrants intending to travel.

65. The contractors or garden sardar shall provide for emigrants started on a railway journey after 9 A.M. a cooked meal, and for those started at or before that hour a dry meal instead, consisting of bread or biscuit and sugar in the proportion of one pound of bread or two large biscuits and one counce of sugar to each emigrant of and above ten years of age, and half the above quantities to each emigrant under the age of ten years. Also, if the journey between two halting stations is likely to occupy more than aix hours, bread or biscuit and sugar in the same proportions shall be given by the contractor or garden earder for distribution to the emigrants for consumption during the journey.

When a medical officer has been appointed by Government to examine emigrants, no emigrants shall be put into the train without being inspected and passed as fit to undertake

the journey by such officer.

When despatching emigrants by train, the purest drinking-water obtainable shall be supplied by contractors or forwarding agents in a sufficient number of suitable vessels conveniently placed with the emigrants in the carriages. In the absence of latrine arrangements, emigrants shall be afforded opportunities for leaving their carriages at three selected waterings: ations between Sara and Parbutipur, one-third of the carriages at a time being emptied to admit of the station latrines being used and of additional supplies of drinking-water being obtained.

Rules to be issued in addition to the existing rules under Act I of 1882.

Emigrants about to travel by train shall be accommodated in third class carriages that are specially reserved for them, or in suitably constructed goods wagons attached to passenger trains only, and the number in each such carriage or goods wagon shall in no case exceed the regulation number.

The train journey of emigrants under conveyance from recruiting districts direct to Dhubri or to Goalundo shall be performed by the Hooghly-Naihati route.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN.

RESOLUTION ON THE IRRIGATION OPERATIONS OF CANALS IN BENGAL DURING KHARIF SEASON OF 1889-90.

#### No. 7191.

GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT.

Irrigation.

Dated Calculta, the 28th April 1890.

## RESOLUTION.

READ-

Statements Nos I, II, and III of Irrigation Operations of Canals in Bingul during kharof agoston of 1889-90.

OBSERVATIONS—The area irrigated during the kharif season of 1889.90 was 481,111 acres against 485,502 acres in 1888-89; a decrease of 9 per cent.

2. On the Orissa Canals the kharif area under irrigation has expanded by 10,717 acres, and it is probable that when the measurements of lands upon some of the canals which have not yet been cadastrally surveyed are finally completed, the area will be found to be actually larger than that shown in the statements. The character of the season in many respects resembled that of 1858-89, during which a larger area of kharif was irrigated than in any previous year in the history of these canals. Of the additional area now brought under lease, 8,772 acres are in the Balasore district, the increase in the irrigation corresponding to a decline in the rainfall from 40 04 inches to 31 40 inches.

3. On the Midnapore Canal only 29.67 inches of rainfall were registered against 51.42 in the previous year. There was an active demand for water, especially at the end of the season; and the discharge of the Cossye, on which less reliance can be placed than on any other river in Bengal used as a source of supply, was fairly well maintained. The returns show a nominal decrease on this canal of 1,079 acres; but as the supply in 1888-89 was admittedly insufficient, and large remissions on the assessed area had in consequence to be granted, the results of 1889 90 really indicate an improved state of affairs.

4. In the three districts watered by the Sone Canals, the rainfall from July to October was below the average and much below the rainfall of the previous year. The season, however, was not an unfavourable one as far as the rice crop was concerned, for rain continued to fall until a late date in September. A break which then occurred and lasted till nearly the end of the hathia (25th September to 8th October) produced a strong demand for water for irrigation; and though there was rain on 8th October, the subsequent showers in that month were insignificant. During the 30 days from 21st September to 20th October, the Sone Canals in this as in the preceding year were worked almost to full power, but the pressure during this period was not as acute as in the corresponding period in 1888-89; and the area to which water was supplied shows a small falling off—In five-year leases, however, notwithstanding that 45,455 acres were refused on the ground that the village channels were not of the required standard, and for other good reasons, there is an increase of 16,000 acres, so that the deficiency already noted took place entirely in annual kharif leases.

ORDER.—Ordered that a copy of this Resolution, and of the Statements Nos. I, II, and III, be submitted to the Government of India, in the Public Works Department, for information; also that copies be forwarded to the Commissioners of the Orissa, Burdwan, and Patna Divisions; the Collectors of Cuttack, Midnapore, Patna, Shahabad, Gya, and Sarun; the Superintending Engineers of the Orissa, South-Western, and Sone Circles; and the Examiner of Public Works Accounts, Bengal, for information.

By order of the Lieutenant-Governor of Bengal,

J. M. MCNEILE, Col., R.R.,

Secretary to the Government of Bengal.

No. I.—Kearif Statement. Government of Bengal, fublic works department, irrigation branch.

Comparative Statement of Irrigation and Rainfall in Canal Districts of Bengal.

IRRIGATION OPERATIONS FOR THE KHARIF SEASON, 1889-90.

,				ARRA SERIGATED.	OATBD.	1889-90 AS COMPARED WITH 1868-80.	SSE-SD.				BAINTA	17 303	RAINFALL FOR POUR MONTHE.	THE.				
Durmen		Area in	Culturable serve.					July.		August.	ligh.	Boptember.	i	Ortober.	34.	Total.		Renauge.
				1		Increase.	Decrease.	1884	8	100	100	1995.	1800.	100	1909.	1808.	ig i	
449				Acres.	Acros.	Acres.	Acres.	In.	Ę	ij	E E	ᆆ	ם	In.	4	ē.	- 4	
Cuttack	:	10	101	130,886	089'881	1,946	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	89.82	13.98	21-68	16.64	<b>57.</b> 8	6.10	1.04	90-6	81.68	42-75	Average rainfall of 11 stations in
Balasore	:	on m	old.	26,628	84,400	8,778	000000	14.14	9.30	21.36	10-01	80.8	92.9	1 60	53.4	80.09	81 40	Average minfall at Bhuddruck and
Midnapore	:	itamro faliava	ijamro aliava	906'99	66,011		808	81.30	7.83	<b>31</b> .86	18.14	7.81	6.34	64.0	2.87	81.48	20 67	No rain-gange stations on the Tidal Reaches of the Midnapore
Hooghly	:	dal	JaI	843	818	** ** ** ** ** ** ** ** ** ** ** ** **	184	•	:	0 0 1	:	:	:	•	*	:	:	Casal.
Gys	:	3,015,680	3,366,000	89,810	29,779	0 0 0 0	31	18-58	8-11	18 18	10.30	8.9	8.66	:	:	10.19	20.18	Rainfall at Daudnagar.
Patns		1,339,930	1,059,000	25.768	22,943	0 0 0 0 0 0	2,810	16.14	8.84	17-11	67-6	3-17	1670	•	90.0	86-42	80-76	Rainfall at Patna.
paqaqaqg	1	2,806,400	2,192,500	208,121	193,468	0 0	9,683	17.80	13.68	17.74	13-68	99.9	9.12	0.48	88.0	41-66	33.88	Rainfall at Arrab station.
Sarus	:	1,680,000	1,818,600	3,897	2,342	9 9 9 0 0	1,566	11-66	10.00	12 89	39-6	19-94	8.37	:	:	36.79	28.90	Rainfall at Sewan station.
Total	0		0000	485.603	461,111	10,717	16,106	:	:	:	:	:	1	1:	1:	1:	1 :	

Norm...The denies for 1886-89 as now given are correct. Met decream, 4,381.

G. A. G. SHAWE,

Under-Secy, to the Goot, of Bengal.

The 28th April 1890. CALCUTTA,

No. II.-KHARIP STATEMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, 1889-50.

Statement in acres of crops irrigated in Canal Districts.

TOTAL	25,737		440,503	1,094		00.000	** - **	:	20	0 0 0 0 0	80000	s s s s s s s s s s s s s s s s s s s	80000	8 0 0 0		13,766	481,111	485,502
Garun.	<b>→</b> ∞		2,208	119	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*****			50.	0 0 0		# # # # # # # # # # # # # # # # # # #	0.0.000	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00		2,949	3,897
Shahabad.	21,350		167.703	670	20000	****		0 0 0 0 0	******	********	000000	***************************************	* * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # * * * * * * * * * * * * * * * * * *	13,765	193,488	203,121
Paten.	1,646		21,391	•	9 4 4 5 6 9	000 ***	*****	****	9 0 0 0 0			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	9 9 9 9 0	*****	***	22,943	88,768
674	98.83	4	26,641	299	8 8 9 8 7	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0	******		9 9 9	****	* * * * * * * *	44	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			29.770	018'68
Boughly.	A B 0 0 0 0 0 0	8 0 0 0 0 0	838	# # # # # # # # # # # # # # # # # # #	0 0 5 + + =				0 0 0	* * * * * * * * * * * * * * * * * * * *	0 0		400000000000000000000000000000000000000	*****	40 0 0 0 0 0	0 0 0	818	809
Eidnayore.	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	65,011	0 8 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	*******	8 0 0 0 0	100 004		0.00	* * * * * * * * * * * * * * * * * * * *	0 0 0 0	0 0 0 0 0	***	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66,011	866,808
Balmoore.	0 0 0 0 0	0 0 0 0 0	34,400			00000	0 0 0 0 0 0		0 0 0 1 0 0		* * * * 0 0 0	20000	****		9 9 9 9 9	0 0 0 0	34,400	26,628
Cattach.	# # # # # # # # # # # # # # # # # # #	0 6 9 9 9	132,830	Ф III 6 0 UI 0	100 400 4 4 4 10	0 0 0	* 4 * 4 * 4	2 0 2 0 0 1		000	0 0 0	200000	* 0 0 0	00+00	***************************************	*******	182,833	190,886
	ii	:	9 9	4 4	* * *	:	****	:	, n 0	*	0 0	* * * * * * * * * * * * * * * * * * * *	000		:	:	*	
MATCHE OF CHOPS.		Wheat	Rice	Miscellaneous	. Minellanes	Care Income	ייי פושים יחספותם	Cotton	The state of the s	-14	Tobacco he	C. Masterd &		0	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total, 1889-90	Total, 1888-89
	Garden and orchards		Coresis		Pulse	Polder seems	Cilvane mope		Dyes		Druga		Oilseeds	Miscollansons	frot wanthan	100000000000000000000000000000000000000		•

G. A. G. SHAWE,

Under-Sery, to the Goot, of Bengal

Calcutta, The 28th April 1890.

No. III.-KRARIF STATSHENT.

IRRIGATION OPERATIONS OF FASL KHARIF, 1889-90.

Statement in acres of crops irrigated by Canals in Canal Divisions.

MATTER OF CHOPS.		Teldunda Cassal.	Kendrapara Canal.	High Level Canal, Range 1.	High Lovel	High Level Canal, Mange 111.	Midnapore Canal.	Pates Chant. Arrah Canal. Buzze Canal. Serus Chual.	Arres Osnel.	Buzne Canal.	Serves Canal.	and a	P. S. S. S. S. S. S. S. S. S. S. S. S. S.
		Mahanuddy.	Brahaine	Brekninse Byturnes.	Acquapadd	Arquepadda-Jajepore.	Course.	Eastern Sone.	Arrah.	Buzer.	Oundark.		
Garden and orchards	:	0000	•	0 0 0 0 0 0	•	**	00000		0		•	-	
Sugarcane	0 0	0 0 0 0 0	*		***		****	4,385	18,478	7,878	91	25,737	
Wheat	***	***	0	0000000			00 000	***************************************	0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	9 0 0 0	
Cereals   Barter	: :	38.231	-83	19.207		86.798	65.829	48.092	93,512	161 161	80	440,509	
Miscellaneous				9 10 10 10 10 10 10 10 10 10 10 10 10 10	•••			808	167	809	119	1,094	
-	0 0	0 0 0		001 000	0 0	000000	0 0 0	*****	0 0 0	0 0 0	****		
A A iscellane us	D & d	00	0.0	9 9 0 0 0	900	000000 H	00000	000000	000111			0 0 0	
r erops	* * * * * * * * * * * * * * * * * * *	******	•	000000	•		***	0 0 0 0	000 + 4 4 2	*****	*****	4 n n n n n n n n n n n n n n n n n n n	
	*	0.0111	9.0	00.000	•	000000	*		0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		:	
-	***	000 940	10	001100	9 0	9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0	******	***************************************	4000	3	9	4
:	0 00		0 0	9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0		0 0 0	200000		0 0 0 0	ji <sup>2</sup>
Ľ,	•	*****	•		0 0	000 000	:	*****		0 0 0			
~	*			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	900 000	00 0 0 01 00 00 00	00 + 4 0 0		000000	000000	9 0 9 0 10	
400	* * * * * * * * * * * * * * * * * * * *	***	•	0 0 0 0 0 0 0 0		00.000	:	000.000	* * * * * * * * * * * * * * * * * * * *	900000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## ## ## ## ## ## ## ## ## ## ## ## ##	
30.00	0 0			# · · · · · · · · · · · · · · · · · · ·	*		0 G G G G G G G G G G G G G G G G G G G					* * * * * * * * * * * * * * * * * * *	
The sale ments		-	•	0 0 0		000000	0.0 * 0.0	0.0000		-	*****	40- 10	
Hel-weather	4 0					*****			012'11	3.030		13,700	
Tetal, 1889-50	*	188,98	8	102,50	8	86.793	68,320	69,728	117,379	76,116	2,34	481,111	
Total 1886.80		60.166	85	96,306	84	27,983	66,408	66,563	129,783	78,388	8,897	488,502	

CALCETTA,

The 28th April 1890.

G. A. G. BBAWe, Under-Sery. to the Goot. of Bengal.

# RESOLUTION ON THE REPORT OF THE HEALTH OFFICER OF THE PORT OF CALOUTTA FOR THE YEAR 1889.

No. 1084 Marine.

GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT.

Marine.

Calcutta, the 28th April 1890.

# RESOLUTION.

READ-

A letter No. 1148, dated the 26th February 1890, from the Sanitary Commissioner, Bengal, submitting the report of the Health Officer of the Port of Calcutta for the year 1889.

Dr. Richards was the Health Officer of the Port of Calcutta from the beginning of the year up to the 14th September, when he took leave. Shortly afterwards he died. He was relieved by Dr. G. Jameson, who acted until the 11th November, when he made over charge to Dr. R. MacLeod, who has submitted the present report. The Health Officer asked to be furnished with a suitable boat for his use, as the one which he had was too large to be safely handled within the moorings. A new boat has now been supplied.

2. The report shows that 1,443 vessels were inspected during the year, against 1,464 in 1888. The reduction in the number of vessels inspected is unimportant.

Dr. Richards brought to notice that many steamers arrived in the port which had unsuitable and ill-ventilated accommodation for their crews, and the Health Officer was asked to furnish instances of such ships, with a view to the Board of Trade being furnished with information on the subject. Certain instances having already been furnished to the Government, the owners of the vessels not ordinarily trading to the United Kingdom were addressed on the subject, and they have undertaken to improve the ventilation of the crew spaces. Further enquiries are now being made regarding other vessels, the result of which will be communicated to the Government of India.

3. The number of European seamen who arrived in port fell from 22,705 in 1888 to 20,662 in the year under report, but the daily average population was 1,626 against 1,510 in 1888. Including deaths out of hospital, the death-rates per mille of the last five years were as follows:—

				Cholera.	Other causes.	Total.
1885	***	***	0.00	4.72	25.99	30.71
1886			1 6 4	11.61	33.53	45.14
1887	> 0 4			10.03	16.91	26.94
1888	***	***	***	10.59	27.15	37.74
1889				11.07	90-09	21.26

The following table shows the number of admissions into hospital and deaths from different diseases during the past five years:

	- 1	180		184	C.	188	7.	168	),	1890	
		Administra	Praths.	Admissions.	Desibe.	A d'ez tes ions.	Deaths.	Adm mione.	Deaths.	Administrations.	Lesths.
Uholom		16	17	49	26	29	19	* *	16	38	12
Diarrhoa		108	191	185	50.	316	1	160	2	142	12
Dyscutory		116	6	166	8	70		34	4	8. 1	
Pever, enterie		4	1	12	- 4	8	3	2	***	1	1.0
malarious	104	194	2	3.1	8	220	1	120	1 ;	227	
., sumple		844		16"	- 24	66		82	1	79	444
curvy		18	0.0	i	411	4	83.0	8	800	*****	0.11
mall-pox		8	***		800	1	100	1			
unatroke	***	6	3 12	4	1	5	1	19	,	6	
Other diseases	***	1,179	12	1,876	51	1.201	11	1.182	21	1.267	1
Total		1,976	40	2,714	71	1,719	185	days -	19	1810	4

The total number of casualties from all causes was 51 against 57 in 1888. Of these, 43 occurred in hospitals and 8 elsewhere. As regards the cases in hospitals, it is satisfactory to notice that the death-rate fell from 32.4 per mille in the previous year to 26.4 during the year under report, which is nearly equal to the quinquennial mean (26).

5. The death-rate from cholers was slightly lower than the average of the previous five years. As regards the seasonal incidence of this disease, it may be observed that the rise in the port did not always correspond with that in the town

that in the town.

The Health Officer brings to notice that timely information is not always given to him by the Hospital authorities of the occurrence of cholera on board. ships with a view to enable him to inspect them early. The Inspector-General of Civil Hospitals has already been asked to instruct the Superintendents of the Medical College, General, Howrah, Campbell and Mayo Hospitals, to convey to the Health Officer early information of cases of cholera, small-pox, or other contagious diseases common in India, and of scurvy occurring amongst sailors, and his attention will again be invited to the subject. Rules have also been framed with a view to enable the Health Officer to get information of such diseases occurring on board direct from the shipping. They are under the consideration of the Government and will shortly be issued.

6. It is satisfactory to observe that there were no admissions from smallpox during the year, against 1 in 1838, and that no death has been reported from

this disease since 1881.

It is worthy of remark that there were no admissions from scurvy during the year, against 3, 4, 7 and 13 in 1888, 1887, 1886 and 1885 respectively.

Six cases of sunstroke were admitted into hospital with 1 death, against 19 admissions with 5 deaths in hospital and 3 deaths out of hospital in 1888. Three deaths from this disease are reported to have occurred on board ships in port.

There was no death either from acute alcoholism or delirium-tremens.

7. Fifteen deaths are reported to have occurred from drowning, against 6 in 1888. The late Dr. Richards suggested that death from this cause might to a certain extent be prevented by putting up hand-rails on each side of the landing-stages. It was ascertained that none of the accidents in 1888 happened from off the jetty gangways, and no action was taken in the matter. The Health Officer will be instructed to report the causes so far as they can be ascertained of the 15 accidents which occurred in 1889.

8. Although the number of European seamen admitted into hospital on

account of venereal disease in 1889 was greater than in the previous year, the rate per mille on the average strength was lower than that of the past three years,

and it compares favourably with the quinquennial mean.

At sea there were 36 deaths, against 35 during the previous year.

9. The following table shows the mortality from all causes among the Sickness and mortility among the native floating population, the averages being calculated on a population of 25,000:-

		Total	deaths.	Ratio p	or millo.
		1889.	1689.	1889.	1888.
Cholera	* * * *	80	95	3.2	3.7
Bowel-complaints		9	7	-36	-27
Fever, malarious	* * *	5	22	-2	-85
Do., simple	400	8		-82	5 0 4
Other causes	0 0 0	27	24	1.08	.96
Total	***	129	148	5.16	5.78
		-	-	-	

The figures, however, as stated last year, are not very reliable.

10. The total death-rate among the lascar crews on the river was 1.29 per 1,000 against 1.6 per 1,000 in 1888. No complaints were made by the lasear crows during the year.

11. During the year four ships arrived in port with pilgrims from Jeddah, in one of which there were two cases of small-pox. In the annual report for the year 1887, the Health Officer of the Port made certain proposals with a view to ensure the more efficient sanitary treatment of vessels arriving in port with cases of small-pox. It has been decided that it must be left to the captains and officers of ships to assist the Health Officer in carrying out the provisions of the Compulsory Vaccination Act.

12. No complaint was made in regard to the water-supply to the shipping during the year.

13. The Lieutenant-Governor notices with satisfaction that there has been a general improvement in the conservancy of the foreshore of the river, some of the nuisances formerly complained of having been removed. Although the drain at King's Road, Howrah, still discharges into the river, yet it is more free from pollution than it formerly was, as measures have been taken by the Municipal Commissioners of Howrah to prevent offensive matter being thrown into the drain till the proposed scheme for draining the whole town is carried out. The nuisance at the jetties, which was formerly a subject of complaint, has been removed by providing an additional latrine within the jetty enclosure. The flushing inlets have also been free from offensive smell during the year.

Dr. MacLeod reports that the highly objectionable outflow of liquid sewage from Fort William has received the personal attention of the Sanitary Commissioner, and hopes that permanent good will result. A scheme for connecting the sewers of Fort William with those of the town has been prepared,

and the Government of India has been asked to have it carried out.

It is satisfactory to observe that the defects noticed in the previous year's report, regarding the state of Kassi Mitter's burning ghât, have been remedied by raising a wall on the river side, thus preventing the cremation of bodies being seen from the river.

The Health Officer brings to notice that at a brick-field at Ghoosery the foreshore is not kept in proper sanitary condition. The Health Officer will be

asked to submit a special report on this subject.

14. The Lieutenant-Governor, while noticing with satisfaction the decrease Corpses and carcasses floating in the in the number of corpses found in the river, regrets to find that the number of carcasses is still on the The Municipal and Judicial Departments of this Government will be asked to take further steps in this matter.

15. The Lieutenant-Governor notices with deep regret the untimely death of Dr. Richards, and endorses the remarks of the Sanitary Commissioner that in him the Government has lost a zealous, energetic and efficient officer. His Honour is glad to observe that Dr. MacLeod and the Native Sanitary Inspector, Baboo Nanda Lal Haldar, have performed their duties satisfactorily.

By order of the Lieutenant-Governor of Bengal,

J. M. McNEILE, Col., R.E., Secretary to the Govt. of Bengal.

#### RESOLUTION ON THE BUDGET ESTIMATE OF THE PORT TRUST FUND FOR THE YEAR 1890-91.

#### No. 1098 Marine.

#### GOVERNMENT OF BENGAL-PUBLIC WORKS DEPARTMENT.

#### Marine.

Dated Calcutta, the 2xth April 1890.

#### RESOLUTION.

#### READ-

A letter No. 2844, dated the 26th March 1890, from the Vice-Chairman of the Commissioners for making Improvements in the Port of Calcutta, submitting for sanction the budget estimates of the Commissioners for the year 1890-91.

A general summary of the budget estimates submitted by the Commissioners is subjoined—

Revenue Accoun	its.		Estimate for 1890-91.	Estimate for 1889-90.
RECEIPTS.			Re.	Rs.
Part IJetties			11,71,819	11 54,319
II Inland Vessels' Whereas			4,69,784	4,70,284
TIT Strand Bank Lands			1,70,276	1.70,276
IV - Post or Harbour Mester's I	Department		5.44.073	5,41.953
VI Tramway	***		3,20,000	3,20,000
, VIIPort Approaches	0.0.0		6,523	6,523
	Total		26,82,475	26,63,335
Expenditure.				
art I.—Jetties			9,14,417	8,93,572
. II.—Inland Vessels' Wharves	* 4 4		A 03,144	4,35,994
, III.—Strand Bank Lands	• • •		1,02,977	1,06,332
IV Dont on Hanhann Master's 1	Department		5,05,432	5,33,682
VI.—Tramway	***		2.36.686	2,28,665
, VII.—Port Approaches	4 D Ø		5,13,646	4,64,095
	Total		26,76,302	26,62,340

#### STATEMENT OF WAYS AND MEANS.

W2 00 2 00 00 00 00 00 00 00 00 00 00 00		Ra.
Estimated balance on 1st April 1890		1,55,022
Add estimated receipts as above		26,82,475
Total  Deduct estimated expenditure as above		28,37,497 26,76,302
Dordon continuent of honestation on month.		
Probable balance on 31st March 1891	***	1,61,195

# Receipts.

2. The estimate of receipts from the Jetties (Part I) is taken at Rs. 24,000 below the estimate for the previous year. It is stated that there was a great falling off in the grain export trade, causing in the first quarter of 1889-90 diminished shipping receipts. The receipts at the Petroleum Wharf at Budge-Budge and at the Tea Warehouse at Armenian Ghât are taken in each case at Rs. 20,000 over the figures for the previous year.

case at Rs. 20,000 over the figures for the previous year.

3. In Appendix B a sum of Rs. 20,000 is entered, representing the earnings of the Commissioners' hopper barges. The Lieutenant-Governor desires

that the Commissioners will furnish the details on which this estimate is based, together with a schedule of the charges levied for the use of the barges.

4. In Appendix G a sum of Rs. 5,229 is entered as the rent to be received from the Government for the portion of the Commissioners' premises which is occupied by the Port Office. As the new Port Office will be ready for occupation at the latest by the 1st of January 1891, the amount should be

reduced by 25 per cent.

5. The estimate of receipts from the Commissioners' Tramway [Part IV] is taken at Rs. 3,20,000. From information recently received it appears that the charges levied by the Commissioners for the conveyance of goods by their tramway have not, as required by law, received the sanction of the Local Government. The schedule of these charges is now under the consideration of the Government, and the estimate is accepted subject to any modifications that may be made hereafter. The estimate may also require modification to bring the working of the tramway into conformity with the provisions of the Railway Act which has recently been passed by the Council of His Excellency the Governor-General for making Laws and Regulations.

6. In estimate No. 23 a sum of Rs. 13,000 is entered, which represents fees for the survey of vessels. The charges for the survey of vessels will, on and after the 1st of May 1890, be disbursed by the Government, and the fees will be credited to the Government with effect from the same date. The

estimate of receipts should be revised accordingly.

# Expenditure.

7. An increase of Rs. 21,000 is proposed in the expenditure at the Jetties [Part 1]. The principal items of increase are Rs. 5,000 under Salaries and Rs 11,000 under Working Expenses. The former is for the Tea Warehouse and the latter for the Tea Warehouse and the Petroleum Wharf.

8. It may be remarked that while after providing for interest and other charges a surplus revenue of large amount is obtained from the petroleum trade, the Tea Warehouse at Armenian Ghât appears to be worked at a considerable

loss.

9. The expenditure at the Inland Vessels' Wharves [Part II] is estimated at Rs. 4,03,144, against the estimate of Rs. 4,35,994 for the previous year. The difference is due to a reduction in the amount allotted for new works and improvements.

10. Estimate No. 14 amounts to Rs. 31,000 and provides for the cost of two new works. The estimates for these works require the sanction of the

Government.

11. In the Harbour Master's Department [Part IV] there is a reduction of Rs. 31,910 under the head "Renewal of Block." It is explained that a sum of Rs. 2,00,000 having been accumulated, the estimate for the current year provides only Rs. 10,000, which is the sum that will actually be spent on renewals.

only Rs. 10,000, which is the sum that will actually be spent on renewals.

12. Estimate No. 30 provides Rs. 30,673 for establishment for the survey of vessels, &c. The estimate should be revised in accordance with the remarks

made above with reference to estimate No. 23.

13. In estimate No. 28 of the detailed estimates, a provision of Rs. 2,400 is made for "Subscription to institutions which contribute to the welfare of seamen." This expenditure is sanctioned under the provisions of section 36, sub-section (5), clause (s) of the Indian Ports Act. The question of whether the subscription to the District Charitable Society is a proper charge on the revenues of the Commissioners has been referred for the opinion of the law officers of the Government.

14. The estimated expenditure on the Tramway [Part VI] shows an increase of Rs. 8,021. For the reasons mentioned in commenting on the estimate of receipts from the Tramway, the approval to the estimate of expenditure

should be regarded as provisional only.

15. The estimate of expenditure under Part VII, River Survey, Lights, and Channel Buoyago, amounts to Rs. 5,13,646, against Rs. 4,64,095 for the previous year. The difference is due to an increase of Rs. 50,000 in the amount credited to the depreciation account. It is stated that one of the light-yessels will not last for more than another year, and as there is at present only

Rs. 50,000 at credit of the depreciation account, there appears to be no likelihood of the charges on the Port Fund appertaining to this Part being reduced in the near future. Having in view the risks to which the property appertaining to this Part is liable, the Government is of opinion that the amount at credit of the depreciation account should be increased as soon as possible.

16. It is proposed to meet the expenditure under Part VII on river

surveys, lights, and buoyage of the channels as follows:--

Surplus revenu Ditto	ditto	Inland Vessels' Wharves	***	2,70,000
Ditto	ditto	Strand Bank Lands	***	70,000
Ditto	ditto	Harbour Master's Departmen	1t	30,000
Ditto	ditto	Tramway		80,000

17. The charges in respect of river surveys, lights, and buoyage of the channels were formerly met from tonuage dues levied under the Indian Ports Act, and in the Resolution on the budget estimate of the Commissioners for 1889-90, it was remarked that on the completion of the Kidderpore Docks the present method of raising the income necessary to defray the charges falling upon the Port Trust might require modification. The whole subject is now engaging the attention of the Government, and the Commissioners are being asked to furnish an estimate (a) of the total annual charges that will fall on the Trust after the completion of the docks, and (b) of the income to be obtained in respect of the several services which will be rendered by the Trust to owners of vessels and goods.

18. The Commissioners may find it necessary, during the latter part of the current year, to take measures to strengthen their revenues so as to provide a reserve fund to meet contingencies which are likely to occur when the dock charges in respect of interest and working expenses fall on those revenues. This question will also be dealt with on receipt of the information

which is being called for.

#### Establishment.

19. A revision of the Tea Warehouse Establishment is proposed. Provision is made for the pay of an Assistant Superintendent on Rs. 250 a month, and for certain changes in the subordinate establishment. It appears that the warehouse is worked at a loss; but as an Assistant Superintendent seems to be actually required, and as his appointment will probably result in increased revenue, the Lieutenant-Governor sanctions the revision proposed.

20. It is proposed to increase the pay of the Rent Collector from Rs. 90 to Rs. 120. This is a substantial increase, but as the total charge is not great, the Lieutenant-Governor sanctions it on condition that it is personal to the

present incumbent.

21. It appears that a Chief Clerk on Rs. 100 a month has been entertained in the Harbour Master's Department, and that his salary has been met by an appropriation from the provision of Rs. 150, made in grant No. 7 of estimate No. 29, for an engineer, whose services have not been required. The Lieutenant-Governor has no objection to the employment of this clerk, but His Honour must at the same time observe that the action of the Commissioners in employing him without the sanction of the Government was not in accordance with the provisions of the law.

22. In Appendix A, under the head "Accounts Department" (item No. 5), a provision of Rs. 600 a month is made for the pay of the Chief Accountant, and of Rs. 50 a month for his personal allowance. There is at present an Acting Accountant, and it should be stated whether he draws the full pay of

the appointment and the personal allowance.

23. In items 17 and 18 of the same appendix, under the head "Workshop Establishment," deductions are made for work done in connection with the Howrah Bridge, and then at the bottom of the page a deduction is again made from the net amount. An explanation of this procedure should be submitted for the information of the Lieutenant-Governor.

24. In Appendix J a provision of Rs. 800 a month is made for the pay of an Assistant Superintendent in the Traffic Department. If, as the Lieutenant-Governor understands, the services of an officer to fill this appointment have not actually been engaged, His Honour desires that no steps may be taken to engage him for the present. In view of the very heavy additional charges that are about to fall on the revenues of the Trust, the Lieutenant-Governor wishes the Commissioners to consider whether the work cannot be conducted without the assistance of this highly paid officer.

25. It is proposed in the draft estimates to meet one-fourth of the officer's pay from the revenues of the Howrah Bridge. The circumstances under which a portion of the Traffic Manager's pay was debited to the Howrah Bridge Fund

should be reported for the information of the Government.

26. In item 1 of estimate No. 29 of the detailed estimates, a provision of Rs. 200 a month is made for the personal allowance of a Harbour Master. The officer who held the appointment of Harbour Master died recently, and the question will have to be decided as to whether his successor should get a personal allowance, and, if so, of what amount. The Commissioners should submit their proposals on this subject.

27. The revision of the establishments of the river surveying vessels Resolute, Cuckoo, and Tigris, the anchor-vessel Vulcan, and the spare light-vessel as shown in the schedule of establishments appended to the estimates,

is sanctioned.

28. Subject to the remarks contained in the foregoing paragraphs, the Lieutenant-Governor, in pursuance of the powers vested in him by section 50 of Act V of 1870, approves the estimate of income and expenditure of the Commissioners for the year 1890-91. The Commissioners are requested to furnish the Government with copies of the estimates revised in accordance with the instructions contained in this Resolution, and to submit as soon as possible the information asked for therein.

By order of the Lieutenant-Governor of Bengal,

J. M. McNEILE, Col., E.E.,

Secretary to the Government of Bengal.

# Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 26th April 1890.

No.		District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BE	NG/	L.	o Par	1.0	
		Western .	Districts.	11.11.11.11	
	25	Culna Cutwa Ranig unge		1.22 2.45 1.60 0.60	Weather—hot and seasonable. Ploughing going on in some parts of the district More rain urgently needed. Prospects of the and sugarcans not good Prices of common rice:—  Srs.  Sudder 17‡ Culna 15 Ranigunge 17‡
	12	Bankeera	», 26, '90	0.25	Weather-hot. Ploughing for next rice commenced in places. Standing crops doing well. Transplanting of sugarcane going on. Common rice 20 seems
Dryg.	1-	Birbhum Rampore F	26, 'PC	1:20: 0:30	per rucee at Sudder and 18t seers at Bissonpore.  The rain made the westher cool for a few days. It has enabled the people to prepare their lands for the next crops. Prices of rice remain at 16 to 26 seers per rupee.
REBEWAR		Midnapur Ghatal	,, 26, '96	0·10 0·76	Winds somewhat changeable. Rain wanted for cultivation. Heat has been detrimental to silk-worm cocoons. Prices of common rice:—  Srs.
Rel	18.0	Transport is transport is transport	or the sale		Sudder 18 Contai 20 Ghatal 18 Tamluk 11
	. 5	Hooghly Scrampore Jehanabad	., 26, '90	Nil 0.58 0.11	Weather—hot and windy. No crops on the ground. Sugarcane being planted.  Prives of common rice:—  8rs.  Sudder 14  Serampore 16  per rupee.
	119	Howrah Control D	,, 26, *90	0.80	Jehandbad Weather very hot and occasionally sultry. Prospects not very favourable. Hain wanted very much.
		24-Pergha.	***	***	Report not received.
TH.	7	Nuddea Kushtea Meherpore Chuadanga	April 26, '90	1.28 1.75 1.40 1.24	Storms during early part of week. Ploughing and sowing of early rice going on. More rain wanted.
ESTDENCY DIV	8	Ransghat Khootas Bagirhat Satkhira	,, 26, '80	0.97 1.59 0.79 3.78	Weather—very hot, with occasional storms. Good rain has fallen in almost all parts of the district and ploughing has commenced. Outturn of boro paddy, the only crop now on the ground, is good.
I RESTDI	9	Jessore Jhenilab Magura Narail	., 26, '90	1·46 0·97 1·09 2·95	Weather—hot and cloudy, with occasional storms. The partial rain has done immense good to the ploushing and sowing of early rice, indigo, and jute; but more rain is wanted.
1	10	Moorsbedated Lalbagh Kandi	., 26, '90	1.69 0.41 0.22 0.32 1.99	Weather-hot. Good rain has fallen in the north of the district; elsewhere it is insufficient.
	11	Dinagepai ,, 26, '90 1.74 Thakurgaon 0.20			Weather—cool for the time of year. Jute, sugarcane, and bhadot are being sown. In Sudder prospects are good, but more rain was wanted at Thakurgaon on the date of the report. Price of rice at Sudder and Thakurgaon 18 seers per rupse.
	13	Rajahahye Nattore Nowgong	" 25, '90 …	0-81 6-30 0-83	Weather—cloudy and cool generally, with very sultry but short intervals. The sowing of jute and paddy is being vigorously prosecuted; but rain has not been general, and has been very unevenly distributed. Much more rain is wanted in parts; but the outlook is distinctly more favourable than it was.
	13	Rungpur Kurigram Nilphamari	., 26, '90	2·69 1·55	Weather—unsettled; cool and cloudy, with occasional storms of rain and wind- All crops have benefited largely by the rainfall. Jute and one paddy are now germinating freely, and the land is being ploughed for the owns. corp.
ANDORRANTE ANTAR.	34	Bogra Sherpar	,, 26, '90	1.62	Weather—damp, sultry and stormy; generally cloudy, with intervals of sunshine.  No standing crops. Italn has improved prospects. Aus rice and jute are being sown. Common rice selling at 18 seems per rupes.
1	1.5	Pubna	, 26, 'BO	1.81	Weather—cloudy with occasional rain. Ans. omen, and jute still being sown. Prospects of the season improved by fall of rain. Prices slightly lower.
	16	Darjeeling	s, 26, °90	2.06	Weather-fair. Murco, bhadoi, kangni, and basta in the hills, and sugarcane and jute in the Terai, are still being plantes. Wheat and barley in the hills are being harvested. Prospects good.
-	17	Julpigoree	, 26, '90	2:41	Weather—hot and cloudy, with occasional rain. Cultivation of blades and jute going on rapidly. Drying of tobacco leaves continues. Prospects generally good. Prices stationary.

No.		District and date of return.		Rainfall at Sudder Station in inches.	
BE	en(G)	I concluded.	A THE A		
		Eastern Die	. balata		
	18		pril 26, '90	2.16	Weather—hot and mostly cloudy. Heavy rain throughout the district. Ploughing and sowing of rice and jute are being vigorously pushed on. Rainfall has been beneficial to cultivation as well as to standing crops. Boro dans is being harvested. Common rice 13 to 16 seers per rupes.
DACCA DIVE.	19	Forresdpur	,, 26, '90	0.68	Weather—seasonable. Recent rain has proved highly beneficial. Jute and paddy are being sown. Prospects favourable. Price of rice varies from 13 to 15 seers per rupes.
	13	The state of the s	district and		
星	20	Backergunge	,, 26, '90	3-29	Weather—hot and cloudy, with occasional rain. Prospects of crops fair. Com- mon rice colling at 13 to 142 sees per rupes.
	21	Mymensingh	,, 26, '90	3-57	Weather—seasonable; getting hotter. State and prospects of crops good. Common rice sells at 134 seers per rupes.
CHIFTAGONG DAVE.	/ 22	Chittagong	,, 26, '90	1.67	Weather-unsettled. Ass paddy being sown. State of chilly crop good. Price of common rice remains unchanged.
	23	Noakholly	,, 26, '90	4.83	Weather-hot and close. Rain at intervals. Sowing of any crop progressing.  Abundant rain has falled in the Fenny subdivision. Price of rice stationary.
	24	Tipperab	,, 26, '90	0-61	Weather-moderately cool with high winds. Boro dham harvested. Ans. amun, jute, til, and sugarcane doing well. Late rain beneficial to crops.
	25	Chittagong Hill Tracts.	,, 28, 190	4.46	Weather—hot; cloudy throughout the week, with rain, storms and high winds.  Jam burning greatly retarded by sain. Gathering of tobacco still going on.  Sugarcane doing well. Common rice being sold at 13 seers 14 chittacks per rupes.
BE	HAR	Hill Tipperah		***	Report not received.
	26	Patos	" 26, 190	NII	Weather—hot and cloudy. Threshing and winnowing of rabbi crops still going on in the Behar subdivision, elsewhere finished. Prospects of crops on the ground good. Opium weighments progressing. Prices almost stationary.
	27	Gya Shwhabad	,, 26, '90 ,, 26, '90	NII Nil	Weather—cloudy. Threshing of rabbi crops almost finished. Sugarcane being irrigated. Cheena coming on well. Opium weighments going on.  Westher—normal till 24th. On 25th violent and dusty wind with reduction of temperature. Slight rain this morning (26th). Cheena ripe and being cut. Sugarcane transplanted.
A DIVIE.	29	Darbhunga	,, 26, '90	0.10	Weather—cloudy with east wind. Slight rain has done some good to paddy, cheesa, wasg, and indigo. Prices have slightly risen.
PATHA	80	Moznferpur Sitamarhi	,, 26, '90	Nil 0.65	Easterly winds in first part of week. Weather cloudy occasionally. Rain in Sitamurhi. Rain much wanted. Paddy, mung, and choose are still being sown.
	31	Sarua	,, 26. '90	NII	Weather—bot. East winds till last two days. To-day (26th) light rain falling and weather conler. Only weighments nearly completed. Cheena doing well. Indigo prospects poor except in the north and west.
	32	Chumparus	,, 26, '90	Nil	Weather—very hot. East and west winds during the week. Cloudy at times. Threshing of rubbi completed. Lands are being dug and ploughed for paddy and other crops. Paddy and cheese are still being sown. Opinin weighments progressing.
	38	Monghyr Beguseral	., 26, '90	0.43	Weather—het and dry; wind variable. Lands are being ploughed for bhadoi crops. Rain wanted. Transplanting of sugarcane going on in the Jamui subdivision. Prices stationary.
BRAGULTORS DIVE.	84	Bhagnlpur Banka Madhepoorah Soopool	,, 26, '90	2·13 0·76 0·67	Weather—seasonable; cloudy and windy in the evening. No rain at head- quarters, though slight showers fell on two days during the week in all the three subdivisions. Want of rain retards cultivation for bhadot crops. Sugarcane and cheese, the only crops now on the ground, are promising.
	85	Purneab Klasengunge	., 26, '90	0.73	Weather—cloudy with casterly winds. Rsin has not been sufficient for bhadoi sowings on high lands. Rice sown on low lands doing well. Jute is being sown in the Kishengunge subdivision.
	36	Arrareab Maldah Chanchal Shibgunge	,, 26, '90	0'45 0'12 0'23 0'75	Weather—cool and cloudy. High wind almost every day. Harvesting of boro commenced in English Bazar station. In other places the state of this crop has been improved more or less by the rain. State of mulberry continues fair. Prices of common rice stationary.
	37	Gajole Sonthal Pergha, Deoghur Godda Jantara Pakour	, 26, '90		Marker—cool except in Godda, where it is reported very hot. Bain has done much good, but more is wanted in Godda. Boro dhan coming to ear in Rajmehal. In Pakour no indigo sown this year on account of drought. Ploughing going on.
		Rajmehal	***	0.75	